

V. Balasubramanian

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NEWS 2 Dec 17 Expanded CAPlus Coverage of US, Japanese, WIPO,
EPO, and German patents
NEWS 3 Feb 1 Addition of Machine-Translated Abstracts to CAPlus
NEWS 4 Feb 28 Patent Information Now Searchable in CAOLD
NEWS 5 Mar 20 INPADOC: PRODUCER WARNING ABOUT DATA DELAYS
NEWS 6 Mar 22 NEW FEATURES IN INPADOC - RANGE SEARCHING AND NEW
SDI/UPDATE SEARCH FIELD
NEWS 7 May 1 Beilstein Abstracts on STN - FILE BABS
NEWS 8 May 1 RN CROSSOVER AND ANSWER SIZE LIMITS INCREASED
NEWS 9 May 1 AIDSLINE has been reloaded
NEWS 10 May 1 Searching Y2-K compliant Patent Numbers
NEWS 11 May 9 Sequence Similarity Batch Search in DGENE
NEWS 12 May 19 Weekly Statistics for New Entries now available
in INPADOC
NEWS 13 May 22 CITED REFERENCES NOW AVAILABLE IN CAPLUS AND CA FILE
NEWS 14 May 22 POSTPROCESSING OF SEARCH RESULTS MAY BE AFFECTED
BY ADDITION OF CITED REFERENCES TO CAPLUS, CA,
REGISTRY, CASREACT, MARPAT, and MARPATPREV
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FILE 'HOME' ENTERED AT 10:05:13 ON 19 JUN 2000

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

09/956,645

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FILE 'REGISTRY' ENTERED AT 10:05:21 ON 19 JUN 2000
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DICTIONARY FILE UPDATES: 18 JUN 2000 HIGHEST RN 271241-18-0

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 11, 2000

Please note that search-term pricing does apply when
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Structure search limits have been increased. See HELP SLIMIT
for details.

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading c:\stnexp4\queries\09335121.str

L1 STRUCTURE UPLOADED

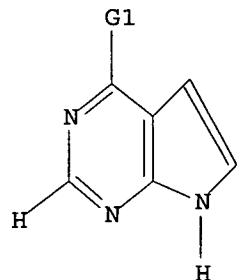
=> que L1

L2 QUE L1

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 10:05:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 491 TO ITERATE

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100.0% PROCESSED 491 ITERATIONS
SEARCH TIME: 00.00.01

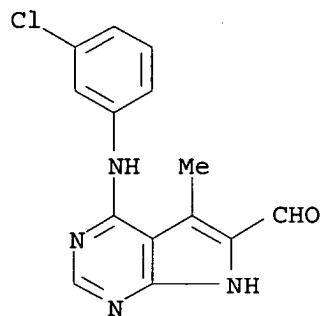
34 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 8491 TO 11149
PROJECTED ANSWERS: 331 TO 1029

L3 34 SEA SSS SAM L1

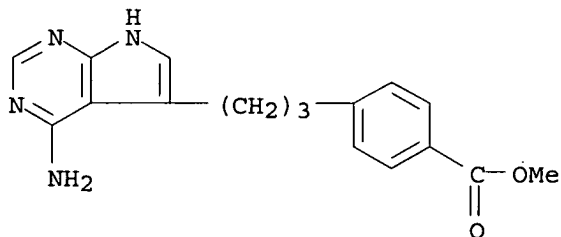
=> d scan

L3 34 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN 1H-Pyrrolo[2,3-d]pyrimidine-6-carboxaldehyde,
4-[(3-chlorophenyl)amino]-5-
methyl- (9CI)
MF C14 H11 Cl N4 O



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

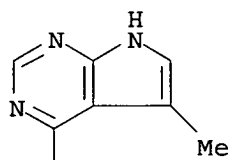
L3 34 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Benzoic acid, 4-[3-(4-amino-1H-pyrrolo[2,3-d]pyrimidin-5-yl)propyl]-,
methyl ester (9CI)
MF C17 H18 N4 O2



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L3 34 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN Pyrrolo[2,3d]pyrimidine, 4-[[3-(dimethylamino)propyl]amino]-5-methyl-
(8CI)
MF C12 H19 N5



Me₂N-(CH₂)₃-NH

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s l1 sss ful

FULL SEARCH INITIATED 10:06:45 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 9926 TO ITERATE

100.0% PROCESSED 9926 ITERATIONS
SEARCH TIME: 00.00.01

652 ANSWERS

L4 652 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	126.90	127.05

FILE 'CAPLUS' ENTERED AT 10:07:20 ON 19 JUN 2000
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FILE COVERS 1967 - 19 Jun 2000 VOL 132 ISS 26
FILE LAST UPDATED: 18 Jun 2000 (20000618/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for

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more information.

Now you can extend your author, patent assignee, patent information, and title searches back to 1907. The records from 1907-1966 now have this searchable data in CAOLD. You now have electronic access to all of CA: 1907 to 1966 in CAOLD and 1967 to the present in CAPLUS on STN.

=> s l4

L5 175 L4

=> d l5 1-175 bib

L5 ANSWER 1 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 2000:241135 CAPLUS
DN 132:279106
TI Non-peptide GnRH agents, methods and intermediates for their preparation
IN Anderson, Mark Brian; Vazir, Haresh N.; Luthin, David Robert; Paderes, Genevieve Deguzman; Pathak, Ved P.; Christie, Lance Christopher; Hong, Yufeng; Tompkins, Eileen Valenzuela; Li, Haitao; Faust, James
PA Agouron Pharmaceuticals, Inc., USA; et al.
SO PCT Int. Appl., 444 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000020358	A2	20000413	WO 1999-US18790	19990820
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1998-PV97520		19980820		
OS	MARPAT 132:279106				

L5 ANSWER 2 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 2000:227825 CAPLUS
DN 132:275138
TI Nucleic acid analysis based on enzymic incorporation of modified nucleotides and chemical cleavage
IN Stanton, Vincent P., Jr.; Wolfe, Jia Liu; Kawate, Tomohiko; Verdine, Gregory
PA Variagenics, Inc., USA
SO PCT Int. Appl., 290 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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V. Balasubramanian

PI WO 2000018967 A1 20000406 WO 1999-US22988 19990930
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,
MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,
TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1998-PV102724 19981001
US 1999-PV149533 19990817
US 1999-394387 19990910
US 1999-394457 19990910
US 1999-394467 19990910
US 1999-394774 19990910
OS MARPAT 132:275138
RE.CNT 4
RE
(1) Lee; US 5187085 A 1993
(2) Prober; US 5332666 A 1994
(3) Prober; Science 1987, V238, P336 CAPLUS
(4) Sanger; Proc Natl Acad Sci, USA 1977, V74(12), P5463 CAPLUS

L5 ANSWER 3 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 2000:210172 CAPLUS
DN 132:251160
TI Preparation of pyrrolopyrimidines as protein kinase inhibitors
IN Hirst, Gavin C.; Calderwood, David; Wishart, Neil; Ritter, Kurt; Arnold,
Lee D.
PA Basf A.-G., Germany
SO PCT Int. Appl., 304 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 2000017203 A1 20000330 WO 1999-US21560 19990917
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,
MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
PRAI US 1998-PV100832 19980918
US 1998-PV100833 19980918
US 1998-PV100834 19980918
US 1998-PV100946 19980918
OS MARPAT 132:251160
RE.CNT 12
RE

V. Balasubramanian

- (1) Abbott Laboratories; WO 9640686 A 1996
- (2) Bhagwat, S; US 5665721 A 1997 CAPLUS
- (3) Ciba-Geigy Ag; WO 9610028 A 1996
- (4) Dave, C; INDIAN J CHEM SECT B 1988, V27(1-12), P778
- (5) Gensia Inc; WO 9417803 A 1994

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 2000:210171 CAPLUS
DN 132:251159
TI Preparation of 4-aminopyrrolopyrimidines as protein kinase inhibitors
IN Calderwood, David; Arnold, Lee D.; Mazdiyasni, Hormoz; Hirst, Gavin;
Deng,

Bojuan B.
PA BASF Aktiengesellschaft, Germany
SO PCT Int. Appl., 242 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000017202	A1	20000330	WO 1999-US21536	19990917
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

PRAI US 1998-PV100954 19980918

OS MARPAT 132:251159

RE.CNT 6

RE

- (1) Ciba-Geigy; WO 9702266 A 1997
- (2) Dave, C; INDIAN JOURNAL OF CHEMISTRY 1988, V27B, P778 CAPLUS
- (3) Pharmacia And Up John; EP 0795556 A 1997
- (4) Takeda Chemical Industries Ltd; EP 0402903 A 1990
- (6) Traxler, P; JOURNAL OF MEDICINAL CHEMISTRY 1996, V39(12), P2285 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 2000:15017 CAPLUS
DN 132:64267
TI Preparation of pyrrolo[2,3-d]pyrimidines as sPLA2 inhibitors
IN Hutchison, Darrell Robert; Martinelli, Michael John; Wilson, Thomas
Michael

PA Eli Lilly and Company, USA
SO PCT Int. Appl., 112 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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V. Balasubramanian

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PI    WO 2000000201      A1    20000106      WO 1999-US14213  19990623
      W:  AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
          DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,
          JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
          MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
          TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
          MD, RU, TJ, TM
      RW:  GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
          ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
          CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRAI  US 1998-PV91248  19980630
OS    MARPAT 132:64267
RE.CNT 2
RE
(1) Goodson; US 5916922 A 1999
(2) Kim; US 3867386 A 1975 CAPLUS

L5    ANSWER 6 OF 175  CAPLUS  COPYRIGHT 2000 ACS
AN    1999:819707  CAPLUS
DN    132:136484
TI    Microbial hydroxylation and simultaneous formation of the
      4''-O-methylglucoside of the tyrosine-kinase inhibitor CGP 62706
AU    Kittelmann, Matthias; Oberer, Lukas; Blum, Wolfgang; Ghisalba, Oreste
CS    Research Department, Core Technology Area, Novartis Pharma A.-G., Basel,
      CH-4002, Switz.
SO    Chimia (1999), 53(12), 594-596
      CODEN: CHIMAD; ISSN: 0009-4293
PB    Neue Schweizerische Chemische Gesellschaft
DT    Journal
LA    English
RE.CNT 7
RE
(2) Dauphin, G; Agric Biol Chem 1989, V53, P1433 CAPLUS
(3) Kieslich, K; Chem Ber 1976, V109, P2259 CAPLUS
(5) Traxler, P; Exp Opin Ther Patents 1997, V7, P571 CAPLUS
(6) Traxler, P; J Med Chem 1996, V39, P2285 CAPLUS
(7) Vigne, B; Tetrahedron 1986, V42, P2451 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5    ANSWER 7 OF 175  CAPLUS  COPYRIGHT 2000 ACS
AN    1999:811245  CAPLUS
DN    132:49976
TI    Preparation of pyrrolo[2,3-d]pyrimidines as inhibitors of protein
      tyrosine
      kinases such as Janus Kinase 3
IN    Blumenkopf, Todd Andrew; Flanagan, Mark Edward; Brown, Matthew Frank;
      Changelian, Paul Steven
PA    Pfizer Products Inc., USA
SO    PCT Int. Appl., 46 pp.
      CODEN: PIXXD2
DT    Patent
LA    English
FAN.CNT 1
      PATENT NO.      KIND  DATE      APPLICATION NO.  DATE
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09/956,645
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V. Balasubramanian

PI WO 9965909 A1 19991223 WO 1999-IB1110 19990614
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KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,
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TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,
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RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
AU 9940545 A1 20000105 AU 1999-40545 19990614
PRAI US 1998-PV89886 19980619
WO 1999-IB1110 19990614
OS MARPAT 132:49976
RE.CNT 3
RE
(1) Novartis AG; WO 9727199 A 1997
(2) Pfizer Inc; WO 9640142 A 1996
(3) Pfizer Inc; WO 9823613 A 1998

L5 ANSWER 8 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:811244 CAPLUS
DN 132:49975
TI Preparation of pyrrolo[2,3-d]pyrimidines as immunosuppressive agents
IN Blumenkopf, Todd Andrew; Flanagan, Mark Edward; Brown, Matthew Frank;
Changelian, Paul Steven
PA Pfizer Products Inc., USA
SO PCT Int. Appl., 59 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1
PATENT NO. KIND DATE APPLICATION NO. DATE

PI WO 9965908 A1 19991223 WO 1999-IB1100 19990614
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
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KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW,
MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR,
TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ,
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ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
AU 9939518 A1 20000105 AU 1999-39518 19990614
PRAI US 1998-PV89866 19980619
US 1998-PV104787 19981019
WO 1999-IB1100 19990614
OS MARPAT 132:49975
RE.CNT 6
RE
(1) Ciba-Geigy AG; EP 0682027 A 1995
(2) Ciba-Geigy AG; WO 9702266 A 1997
(3) Novartis AG; WO 9807726 A 1998
(4) Pfizer Inc; WO 9640142 A 1996
(5) Pfizer Inc; WO 9823613 A 1998

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ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 9 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:794251 CAPLUS
DN 132:31735
TI Photoselection of nucleic acid ligands in SELEX (systematic evolution of
ligands by exponential enrichment)
IN Gold, Larry; Willis, Michael; Koch, Tad; Ringquist, Steven; Jensen, Kirk;
Atkinson, Brent
PA NeXstar Pharmaceuticals, Inc., USA
SO U.S., 68 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 6001577	A	19991214	US 1998-93293	19980608

RE.CNT 26

RE

- (2) Anon; WO 8906694 1989 CAPLUS
- (3) Anon; WO 9119813 1991 CAPLUS
- (4) Anon; WO 9214843 1992 CAPLUS
- (5) Anon; WO 9305182 1993 CAPLUS
- (6) Anon; WO 9507364 1995 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 10 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:783937 CAPLUS
DN 132:22973
TI Preparation of pyrrolo[2,3-d]pyrimidines as adenosine receptor
antagonists
IN Castelhana, Arlindo L.; McKibben, Bryan; Witter, David J.
PA Cadus Pharmaceutical Corp., USA
SO PCT Int. Appl., 169 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9962518	A1	19991209	WO 1999-US12135	19990601
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9942265	A1	19991220	AU 1999-42265	19990601
PRAI	US 1998-PV87702		19980602		
	US 1999-PV123216		19990308		
	US 1999-PV126527		19990326		
	US 1998-87702		19980602		

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WO 1999-US12135 19990601

OS MARPAT 132:22973

RE.CNT 20

RE

(1) Chen Yuhpyng, L; WO 9413676 A 1994

(2) Ciba Geigy AG; EP 0682027 A 1995

(4) Hoechst India Ltd; IN 157280 A 1986 CAPLUS

(5) Iwamura, H; J Med Chem 1983, V26, P838 CAPLUS

(16) Venugopalan, B; J Heterocycl Chem 1988, P1633 CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 11 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1999:777760 CAPLUS

DN 132:87758

TI Tyrosine Kinase Inhibitors. 16. 6,5,6-Tricyclic Benzothieno[3,2-d]pyrimidines and Pyrimido[5,4-b]- and -[4,5-b]indoles as Potent Inhibitors of the Epidermal Growth Factor Receptor Tyrosine Kinase

AU Showalter, H. D. Hollis; Bridges, Alexander J.; Zhou, Hairong; Sercel, Anthony D.; McMichael, Amy; Fry, David W.

CS Departments of Chemistry and Cancer Research, Parke-Davis Pharmaceutical Research Division of Warner-Lambert Company, Ann Arbor, MI, 48105, USA

SO J. Med. Chem. (1999), 42(26), 5464-5474

CODEN: JMCMAR; ISSN: 0022-2623

PB American Chemical Society

DT Journal

LA English

RE.CNT 39

RE

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ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 12 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1999:371731 CAPLUS

DN 131:39372

TI A potent protein-tyrosine kinase inhibitor which selectively blocks proliferation of epidermal growth factor receptor-expressing tumor cells in vitro and in vivo. [Erratum to document cited in CA129:36168]

AU Lydon, Nicholas B.; Mett, Helmut; Mueller, Marcel; Becker, Michael; Cozens, Robert M.; Stover, David; Daniels, Daren; Traxler, Peter; Buchdunger, Elisabeth

CS Oncology Research, Novartis Pharma AG, Basel, Switz.

SO Int. J. Cancer (1999), 81(4), 669

CODEN: IJCNAW; ISSN: 0020-7136

PB Wiley-Liss, Inc.

DT Journal

LA English

L5 ANSWER 13 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1999:216736 CAPLUS

DN 130:282292

TI 7-Deaza-5'-noraristeromycin derivatives resembling L-toyocamycin and L-sangivamycin

V. Balasubramanian

AU Seley, Katherine L.; Schneller, Stewart W.
CS Department of Chemistry, Auburn University, Auburn, AL, 36849-5312, USA
SO J. Heterocycl. Chem. (1999), 36(1), 287-288
CODEN: JHTCAD; ISSN: 0022-152X
PB HeteroCorporation
DT Journal
LA English
RE.CNT 7
RE

(1) Bacchi, C; Antimicrob Agents Chemother 1990, V34, P1183 CAPLUS
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(4) Siddiqi, S; Nucleosides Nucleotides 1993, V12, P267 CAPLUS
(6) Tolman, R; J Am Chem Soc 1969, V91, P2102 CAPLUS
(7) Townsend, L; Farmaco 1991, V46, P113 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 14 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1999:140315 CAPLUS
DN 130:237785
TI Total synthesis of the naturally occurring antibiotic toyocamycin using
new and improved synthetic procedures
AU Porcari, Anthony R.; Townsend, Leroy B.
CS Department of Medicinal Chemistry, College of Pharmacy; Department of
Chemistry, College of Literature, Science, and Arts, University of
Michigan, Ann Arbor, MI, 48109-1065, USA
SO Nucleosides Nucleotides (1999), 18(2), 153-159
CODEN: NUNUD5; ISSN: 0732-8311
PB Marcel Dekker, Inc.
DT Journal
LA English
OS CASREACT 130:237785
RE.CNT 12
RE

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(11) Tolman, R; J Am Chem Soc 1969, V91, P2102 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 15 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:682246 CAPLUS
DN 129:290146
TI Preparation of 4-phenyl(methyl)amino-7H-pyrrolo[2,3-d]pyrimidines
IN Misun, Marian; Fischer, Reto; Mutz, Michael
PA Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.
SO PCT Int. Appl., 79 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9843973	A1	19981008	WO 1998-EP1760	19980325
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG,				

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KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI,
FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM,
GA, GN, ML, MR, NE, SN, TD, TG

AU 9872103 A1 19981022 AU 1998-72103 19980325
PRAI CH 1997-741 19970327
WO 1998-EP1760 19980325
OS CASREACT 129:290146; MARPAT 129:290146

L5 ANSWER 16 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:640260 CAPLUS
DN 129:275922
TI Preparation of pyrrolo[2,3-d]pyrimidines as tyrosine kinase inhibitors
IN Calderwood, David John; Johnston, David Norman; Rafferty, Paul; Twigger,
Helen Louise; Munschauer, Rainer; Arnold, Lee
PA Knoll A.-G., Germany
SO PCT Int. Appl., 72 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9841525	A1	19980924	WO 1998-EP1357	19980309
W: AL, AU, BG, BR, BY, CA, CN, CZ, GE, HU, ID, IL, JP, KR, KZ, LT, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
AU 9868293	A1	19981012	AU 1998-68293	19980309
EP 970084	A1	20000112	EP 1998-913690	19980309
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, FI, RO				
NO 9904509	A	19990917	NO 1999-4509	19990917
PRAI US 1997-40836		19970319		
WO 1998-EP1357		19980309		
OS MARPAT 129:275922				

L5 ANSWER 17 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:634365 CAPLUS
DN 130:3820
TI An improved synthesis of the versatile heterocycle, 4-amino-6-bromo-5-
cyanopyrrolo[2,3-d]pyrimidine
AU Porcari, Anthony R.; Townsend, Leroy B.
CS Department of Medicinal Chemistry, College of Pharmacy; Department of
Chemistry, College of Literature, Science, and Arts, University of
Michigan, Ann Arbor, MI, 48109-1065, USA
SO Synth. Commun. (1998), 28(20), 3835-3843
CODEN: SYNCAV; ISSN: 0039-7911
PB Marcel Dekker, Inc.
DT Journal
LA English
OS CASREACT 130:3820
RE.CNT 44

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RE

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(5) De Clercq, E; J Med Chem 1987, V30, P481 CAPLUS
(7) Finch, R; Anticancer Drug Res 1997, V12, P205 CAPLUS
(8) Glazer, R; Biochem Pharmacol 1980, V29, P305 CAPLUS
(9) Glazer, R; Biochem Pharmacol 1981, V30, P2697 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 18 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:564221 CAPLUS
DN 129:175920
TI Preparation of nucleosides water soluble adenosine kinase inhibitors
IN Ugarkar, Bheemarao G.; Erion, Mark D.; Gomez, Galeno Jorge E.
PA Metabasis Therapeutics, Inc., USA
SO U.S., 35 pp. Cont.-in-part of U. S. Ser. No. 473,492.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5795977	A	19980818	US 1996-660532	19960607
	WO 9212718	A1	19920806	WO 1992-US515	19920121
	W: AU, CA, FI, NO				
	AU 665184	B2	19951221	AU 1992-13599	19920121
	NO 9302628	A	19930923	NO 1993-2628	19930721
	NO 180418	B	19970106		
	NO 180418	C	19970416		
	US 5646128	A	19970708	US 1994-349125	19941201
	US 5658889	A	19970819	US 1994-355836	19941214
	US 5726302	A	19980310	US 1995-473492	19950607
PRAI	US 1989-408707	19890918			
	US 1990-466979	19900118			
	US 1991-647117	19910123			
	US 1991-812916	19911223			
	US 1995-473492	19950607			
	US 1989-301222	19890124			
	US 1989-301453	19890124			
	US 1989-408107	19890915			
	WO 1992-US515	19920121			
	US 1993-14190	19930203			
	US 1994-192645	19940203			
	US 1994-230421	19940419			
OS	MARPAT 129:175920				

L5 ANSWER 19 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:508686 CAPLUS
DN 129:230692
TI Synthesis of pyrrolopyrimidines from 2,5-diaryl-3,3,4,4-tetracyanopyrrolidines
AU Nasakin, O. E.; Lyshchikov, A. E.; Lukin, P. M.; Tafeenko, V. A.; Bulai, A. Kh.
CS I. N. Ul'yanov Chuvash State University, Cheboksary, 428015, Russia
SO Chem. Heterocycl. Compd. (N. Y.) (1998), Volume Date 1997, 33(12), 1450-1455
CODEN: CHCCAL; ISSN: 0009-3122

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PB Consultants Bureau
DT Journal
LA English

L5 ANSWER 20 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:503653 CAPLUS
DN 129:290345
TI Synthesis and in vitro antitumor activity of some amino-deoxy
7-hexofuranosylpyrrolo[2,3-d]pyrimidines
AU Huang, Bao-Guo; Bobek, Miroslav
CS Department of Pharmacology and Therapeutics, Roswell Park Cancer
Institute, Buffalo, NY, 14263, USA
SO Carbohydr. Res. (1998), 308(3-4), 319-328
CODEN: CRBRAT; ISSN: 0008-6215
PB Elsevier Science Ltd.
DT Journal
LA English

L5 ANSWER 21 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:405444 CAPLUS
DN 129:67984
TI Preparation of orally active nucleoside adenosine kinase inhibitors
IN Ugarkar, Bheemarao G.; Erion, Mark D.; Gomez, Galeno Jorge E.;
Castellino,
Angelo J.; Browne, Clinton E.
PA Metabasis Therapeutics, Inc., USA
SO U.S., 22 pp. Cont.-in-part of U.S. Ser. No. 473,491.
CODEN: USXXAM
DT Patent
LA English

FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 5763597	A	19980609	US 1996-660506	19960607
	WO 9212718	A1	19920806	WO 1992-US515	19920121
	W: AU, CA, FI, NO				
	AU 665184	B2	19951221	AU 1992-13599	19920121
	NO 9302628	A	19930923	NO 1993-2628	19930721
	NO 180418	B	19970106		
	NO 180418	C	19970416		
	US 5646128	A	19970708	US 1994-349125	19941201
	US 5658889	A	19970819	US 1994-355836	19941214
	US 5721356	A	19980224	US 1995-473491	19950607
PRAI	US 1989-408707		19890918		
	US 1990-466979		19900118		
	US 1991-647117		19910123		
	US 1991-812916		19911223		
	US 1995-473491		19950607		
	US 1989-301222		19890124		
	US 1989-301453		19890124		
	US 1989-408107		19890915		
	WO 1992-US515		19920121		
	US 1993-14190		19930203		
	US 1994-192645		19940203		
	US 1994-230421		19940419		
OS	MARPAT 129:67984				

V. Balasubramanian

L5 ANSWER 22 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:405443 CAPLUS
DN 129:67983
TI Preparation of C-4' modified adenosine kinase inhibitors
IN Boyer, Serge H.; Ugarkar, Bheemaroo G.; Erion, Mark D.
PA Metabasis Therapeutics, Inc., USA
SO U.S., 38 pp. Cont.-in-part of U.S. 5,674,998.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 5763596	A	19980609	US 1996-660505	19960607
	WO 9212718	A1	19920806	WO 1992-US515	19920121
	W: AU, CA, FI, NO				
	AU 665184	B2	19951221	AU 1992-13599	19920121
	NO 9302628	A	19930923	NO 1993-2628	19930721
	NO 180418	B	19970106		
	NO 180418	C	19970416		
	US 5506347	A	19960409	US 1994-191282	19940203
	US 5646128	A	19970708	US 1994-349125	19941201
	US 5658889	A	19970819	US 1994-355836	19941214
	US 5674998	A	19971007	US 1995-486161	19950607
PRAI	US 1989-408707	19890915			
	US 1990-466979	19900118			
	US 1991-647117	19910123			
	US 1991-812916	19911223			
	US 1994-191282	19940203			
	US 1995-486161	19950607			
	US 1989-301222	19890124			
	US 1989-301453	19890124			
	US 1989-408107	19890915			
	WO 1992-US515	19920121			
	US 1993-14159	19930203			
	US 1993-14190	19930203			
	US 1994-182381	19940114			
	US 1994-192645	19940203			
	US 1994-230421	19940419			
OS	MARPAT 129:67983				

L5 ANSWER 23 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:405419 CAPLUS
DN 129:78838
TI Systematic evolution of ligands by exponential enrichment: photoselection of nucleic acid ligands and solution SELEX
IN Gold, Larry; Willis, Michael; Koch, Tad; Ringquist, Steven; Jensen, Kirk; Atkinson, Brent
PA Nexstar Pharmaceuticals, Inc., USA
SO U.S., 69 pp. Cont.-in-part of U.S. Ser. No. 143,564, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 84

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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09/956,645

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PI	US 5763177	A	19980609	US 1996-612895	19960308
	US 5475096	A	19951212	US 1991-714131	19910610
	EP 786469	A2	19970730	EP 1997-200035	19910610
	EP 786469	A3	19970806		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	IL 112141	A1	19980405	IL 1991-112141	19910611
	US 5270163	A	19931214	US 1992-931473	19920817
	WO 9508003	A1	19950323	WO 1994-US10562	19940916
	W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
PRAI	US 1990-536428		19900611		
	US 1991-714131		19910610		
	US 1992-931473		19920817		
	US 1993-123935		19930917		
	US 1993-143564		19931025		
	WO 1994-US10562		19940916		
	EP 1991-912753		19910610		
	IL 1991-98456		19910611		
L5	ANSWER 24 OF 175 CAPLUS COPYRIGHT 2000 ACS				
AN	1998:388518 CAPLUS				
DN	129:41143				
TI	Fused bicyclic pyrimidine derivatives useful as antihyperproliferative agents				
IN	Arnold, Lee Daniel; Moyer, Mikel Paul; Sobolov-Jaynes, Susan Beth				
PA	Pfizer Inc., USA; Arnold, Lee Daniel; Moyer, Mikel Paul; Sobolov-Jaynes, Susan Beth				
SO	PCT Int. Appl., 45 pp.				
	CODEN: PIXXD2				
DT	Patent				
LA	English				
FAN.CNT	1				
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9823613	A1	19980604	WO 1997-IB1393	19971105
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9747189	A1	19980622	AU 1997-47189	19971105
	EP 946554	A1	19991006	EP 1997-909525	19971105
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LT, LV, FI, RO				
	CN 1237177	A	19991201	CN 1997-199662	19971105
	BR 9713552	A	20000125	BR 1997-13552	19971105
	JP 2000505109	T2	20000425	JP 1998-524465	19971105
	NO 9902524	A	19990526	NO 1999-2524	19990526
PRAI	US 1996-PV31862		19961127		

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US 1997-PV41846 19970409
US 1997-184696 19970409
WO 1997-IB1393 19971105
OS MARPAT 129:41143

L5 ANSWER 25 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:324922 CAPLUS
DN 129:37219
TI DNA sequencing diagnostics based on mass spectrometry
IN Koster, Hubert; Tang, Kai; Fu, Dong-Jing; Siegert, Carston W.; Little,
Daniel P.; Higgins, G. Scott; Braun, Andreas; Damhoffer-Demar, Brigitte;
et al.
PA Sequenom, Inc., USA; Koster, Hubert; Tang, Kai; Fu, Dong-Jing; Siegert,
Carston W.; Little, Daniel P.; Higgins, G. Scott
SO PCT Int. Appl., 479 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9820166	A2	19980514	WO 1997-US20444	19971106
	WO 9820166	A3	19981022		
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	US 5900481	A	19990504	US 1996-746036	19961106
	US 6074823	A	20000613	US 1996-744590	19961106
	US 6024925	A	20000215	US 1997-787639	19970123
	AU 9851069	A1	19980529	AU 1998-51069	19971106
	EP 954612	A2	19991110	EP 1997-945641	19971106
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	DE 19782095	T	20000323	DE 1997-19782095	19971106
	NO 9902168	A	19990706	NO 1999-2168	19990504
PRAI	US 1996-744481		19961106		
	US 1996-744590		19961106		
	US 1996-746036		19961106		
	US 1996-746055		19961106		
	US 1997-786988		19970123		
	US 1997-787639		19970123		
	US 1997-933792		19970919		
	US 1997-947801		19971008		
	US 1993-34738		19930319		
	US 1995-388171		19950210		
	WO 1997-US20444		19971106		
OS	MARPAT 129:37219				

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TI A potent protein-tyrosine kinase inhibitor which selectively blocks proliferation of epidermal growth factor receptor-expressing tumor cells in vitro and in vivo
AU Lydon, Nicholas B.; Mett, Helmut; Mueller, Marcel; Becker, Michael; Cozens, Robert M.; Stover, David; Daniels, Daren; Traxler, Peter; Buchdunger, Elisabeth
CS Oncology, Research, Novartis Pharma AG, Basel, Switz.
SO Int. J. Cancer (1998), 76(1), 154-163
CODEN: IJCNAW; ISSN: 0020-7136
PB Wiley-Liss, Inc.
DT Journal
LA English

L5 ANSWER 27 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:180580 CAPLUS
DN 128:230637

TI Preparation of water soluble adenosine kinase inhibitors as cardiovascular and antiinflammatory agents
IN Ugarkar, Bheemarao G.; Erion, Mark D.; Gomez, Galeno Jorge E.
PA Gensia Inc., USA
SO U.S., 25 pp. Cont.-in-part of U.S. Ser. No. 812,916, abandoned.
CODEN: USXXAM
DT Patent
LA English

FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 5726302	A	19980310	US 1995-473492	19950607
	WO 9212718	A1	19920806	WO 1992-US515	19920121
	W: AU, CA, FI, NO				
	AU 665184	B2	19951221	AU 1992-13599	19920121
	NO 9302628	A	19930923	NO 1993-2628	19930721
	NO 180418	B	19970106		
	NO 180418	C	19970416		
	US 5646128	A	19970708	US 1994-349125	19941201
	US 5658889	A	19970819	US 1994-355836	19941214
	US 5864033	A	19990126	US 1995-451236	19950526
	CA 2247983	AA	19961219	CA 1996-2247983	19960607
	WO 9640707	A1	19961219	WO 1996-US10956	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	AU 9664790	A1	19961230	AU 1996-64790	19960607
	EP 836613	A1	19980422	EP 1996-924302	19960607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 5795977	A	19980818	US 1996-660532	19960607
	JP 11509181	T2	19990817	JP 1996-502319	19960607
	BR 9609011	A	19991214	BR 1996-9011	19960607
PRAI	US 1989-408707	19890918			
	US 1990-466979	19900118			
	US 1991-647117	19910123			

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US 1991-812916 19911223
US 1989-301222 19890124
US 1989-301453 19890124
US 1989-408107 19890915
WO 1992-US515 19920121
US 1993-14190 19930203
US 1994-192645 19940203
US 1994-230421 19940419
US 1995-473492 19950607
WO 1996-US10956 19960607

OS MARPAT 128:230637

L5 ANSWER 28 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:147332 CAPLUS
DN 128:192664
TI Preparation of substituted pyrrolopyrimidines as antitumor agents
IN Traxler, Peter; Bold, Guido; Lang, Marc; Frei, Jorg
PA Novartis A.-G., Switz.; Traxler, Peter; Bold, Guido; Lang, Marc; Frei, Jorg
SO PCT Int. Appl., 86 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	----	-----	-----
PI	WO 9807726	A1	19980226	WO 1997-EP4564	19970821
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CN 1194647	A	19980930	CN 1996-196640	19960624
	AU 9742064	A1	19980306	AU 1997-42064	19970821
	EP 938486	A1	19990901	EP 1997-940108	19970821
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRAI CH 1996-2071 19960823

WO 1997-EP4564 19970821

OS MARPAT 128:192664

L5 ANSWER 29 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1998:146721 CAPLUS
DN 128:192880
TI Preparation of orally active adenosine kinase inhibitors
IN Ugarkar, Bheemarao G.; Erion, Mark D.; Gomez, Galeno Jorge E.; Castellino, Angelo J.; Browne, Clinton E.
PA Gensia, Inc., USA
SO U.S., 18 pp. Cont.-in-part of U.S. Ser. No. 812,916, abandoned.
CODEN: USXXAM
DT Patent
LA English

V. Balasubramanian

FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5721356	A	19980224	US 1995-473491	19950607
	WO 9212718	A1	19920806	WO 1992-US515	19920121
	W: AU, CA, FI, NO				
	AU 665184	B2	19951221	AU 1992-13599	19920121
	NO 9302628	A	19930923	NO 1993-2628	19930721
	NO 180418	B	19970106		
	NO 180418	C	19970416		
	US 5646128	A	19970708	US 1994-349125	19941201
	US 5658889	A	19970819	US 1994-355836	19941214
	US 5864033	A	19990126	US 1995-451236	19950526
	CA 2247984	AA	19961219	CA 1996-2247984	19960607
	WO 9640706	A1	19961219	WO 1996-US10919	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	AU 9663958	A1	19961230	AU 1996-63958	19960607
	EP 832092	A1	19980401	EP 1996-923451	19960607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 5763597	A	19980609	US 1996-660506	19960607
	JP 11507390	T2	19990629	JP 1996-502318	19960607
	BR 9608625	A	19991207	BR 1996-8625	19960607
PRAI	US 1989-408707	19890915			
	US 1990-466979	19900118			
	US 1991-647117	19910123			
	US 1991-812916	19911223			
	US 1989-301222	19890124			
	US 1989-301453	19890124			
	US 1989-408107	19890915			
	WO 1992-US515	19920121			
	US 1993-14190	19930203			
	US 1994-192645	19940203			
	US 1994-230421	19940419			
	US 1995-473491	19950607			
	WO 1996-US10919	19960607			
OS	MARPAT 128:192880				
L5	ANSWER 30 OF 175	CAPLUS	COPYRIGHT 2000	ACS	
AN	1997:696745	CAPLUS			
DN	128:3695				
TI	Preparation of N-quinazolinylacrylamides and analogs as tyrosine kinase inhibitors				
IN	Bridges, Alexander James; Denny, William Alexander; Dobrusin, Ellen Myra; Doherty, Annette Marian; Fry, David W.; Mcnamara, Dennis Joseph; Showalter, Howard Daniel Hollis; Smaill, Jeffrey B.; Zhou, Hairong; et al.				
PA	Warner-Lambert Company, USA; Bridges, Alexander James; Denny, William Alexander; Dobrusin, Ellen Myra; Doherty, Annette Marian; Fry, David W.; Mcnamara, Dennis Joseph; Showalter, Howard Daniel Hollis; Smaill, Jeffrey B.; Zhou, Hairong				

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SO PCT Int. Appl., 193 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9738983	A1	19971023	WO 1997-US5778	19970408
	W: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, GH, HU, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ,				
TM					
	RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2249446	AA	19971023	CA 1997-2249446	19970408
	AU 9724463	A1	19971107	AU 1997-24463	19970408
	EP 892789	A1	19990127	EP 1997-920213	19970408
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
	CN 1218456	A	19990602	CN 1997-194458	19970408
	BR 9708640	A	19990803	BR 1997-8640	19970408
	NO 9804718	A	19981209	NO 1998-4718	19981009
PRAI	US 1996-15351		19960412		
	WO 1997-US5778		19970408		
OS	MARPAT 128:3695				

L5 ANSWER 31 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1997:689542 CAPLUS

DN 127:358871

TI Preparation of tricyclic compounds capable of inhibiting tyrosine kinases of the epidermal growth factor receptor family

IN Bridges, Alexander James; Denny, William Alexander; Fry, David; Kraker, Alan; Meyer, Robert Frederick; Rewcastle, Gordon William; Thompson,

Andrew

Mark; Showalter, Howard Daniel Hollis

PA Warner-Lambert Company, USA

SO U.S., 42 pp. Cont.-in-part of U.S. Ser. No. 186,735,ABANDONED.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5679683	A	19971021	US 1994-358352	19941223
	ZA 9500441	A	19951010	ZA 1995-441	19950119
	ZA 9500440	A	19951010	ZA 1995-440	19950119
	WO 9519970	A1	19950727	WO 1995-US911	19950123
	W: AM, AU, BG, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KR, KZ, LT, LV, MD, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, UA, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2177392	AA	19950727	CA 1995-2177392	19950123
	AU 9518334	A1	19950808	AU 1995-18334	19950123
	AU 686339	B2	19980205		
	EP 741711	A1	19961113	EP 1995-910116	19950123
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				

SE

09/956,645

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	CN 1139383	A	19970101	CN 1995-191310	19950123
	CN 1139430	A	19970101	CN 1995-191318	19950123
	HU 74590	A2	19970128	HU 1996-2016	19950123
	HU 74589	A2	19970128	HU 1996-2017	19950123
	JP 09508126	T2	19970819	JP 1995-519721	19950123
	FI 9602855	A	19960913	FI 1996-2855	19960715
	NO 9603093	A	19960724	NO 1996-3093	19960724
PRAI	US 1994-186735	19940125			
	US 1994-186745	19940125			
	US 1994-358352	19941223			
	WO 1995-US911	19950123			
OS	MARPAT 127:358871				

L5 ANSWER 32 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:684165 CAPLUS
 DN 127:293561
 TI Preparation of C-4' modified nucleosides as adenosine kinase inhibitors
 IN Boyer, Serge H.; Erion, Mark D.; Ugarkar, Bheemaroo G.
 PA Gensia Inc., USA
 SO U.S., 25 pp. Cont.-in-part of U.S. Ser. No. 812,916, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 5674998	A	19971007	US 1995-486161	19950607
	WO 9212718	A1	19920806	WO 1992-US515	19920121
	W: AU, CA, FI, NO				
	AU 665184	B2	19951221	AU 1992-13599	19920121
	NO 9302628	A	19930923	NO 1993-2628	19930721
	NO 180418	B	19970106		
	NO 180418	C	19970416		
	US 5506347	A	19960409	US 1994-191282	19940203
	US 5646128	A	19970708	US 1994-349125	19941201
	US 5658889	A	19970819	US 1994-355836	19941214
	CA 2220642	AA	19961219	CA 1996-2220642	19960607
	WO 9640705	A1	19961219	WO 1996-US10404	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	AU 9661783	A1	19961230	AU 1996-61783	19960607
	EP 832091	A1	19980401	EP 1996-919442	19960607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	US 5763596	A	19980609	US 1996-660505	19960607
	CN 1190401	A	19980812	CN 1996-195383	19960607
	JP 11507387	T2	19990629	JP 1996-502290	19960607
	BR 9609013	A	19991214	BR 1996-9013	19960607
	NO 9705585	A	19980205	NO 1997-5585	19971203
PRAI	US 1989-408707	19890918			
	US 1990-466979	19900118			
	US 1991-647117	19910123			

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US 1991-812916 19911223
 US 1994-191282 19940203
 US 1989-301222 19890124
 US 1989-301453 19890124
 US 1989-408107 19890915
 WO 1992-US515 19920121
 US 1993-14159 19930203
 US 1993-14190 19930203
 US 1994-182381 19940114
 US 1994-192645 19940203
 US 1994-230421 19940419
 US 1995-486161 19950607
 WO 1996-US10404 19960607
 OS MARPAT 127:293561

L5 ANSWER 33 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:679199 CAPLUS
 DN 127:327439
 TI Nucleic acid sequencing by mass spectrometry
 IN Koster, Hubert
 PA Sequenom, Inc., USA
 SO PCT Int. Appl., 141 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9737041	A2	19971009	WO 1997-US4394	19970318
	WO 9737041	A3	19971204		
	W:	AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9722175	A1	19971022	AU 1997-22175	19970318
PRAI	US 1996-617010		19960318		
	US 1996-547835		19960820		
	WO 1997-US4394		19970318		

L5 ANSWER 34 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1997:679141 CAPLUS
 DN 127:328679
 TI Asymmetric benzoxanthene dyes
 IN Benson, Scott C.; Menchen, Steven M.; Theisen, Peter D.; Hennessey, Kevin M.; Furniss, Vergine C.; Hauser, Joan
 PA Perkin-Elmer Corp., USA
 SO PCT Int. Appl., 74 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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V. Balasubramanian

PI WO 9736960 A1 19971009 WO 1997-US5376 19970401
W: AU, CA, JP
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,
SE
US 6020481 A 20000201 US 1996-626085 19960401
US 5840999 A 19981124 US 1997-824102 19970326
CA 2250014 AA 19971009 CA 1997-2250014 19970401
AU 9724323 A1 19971022 AU 1997-24323 19970401
AU 707242 B2 19990708
EP 891393 A1 19990120 EP 1997-920028 19970401
EP 891393 B1 19990630
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI
AT 181741 E 19990715 AT 1997-920028 19970401
JP 2000500183 T2 20000111 JP 1997-535550 19970401
PRAI US 1996-626085 19960401
WO 1997-US5376 19970401
OS MARPAT 127:328679

L5 ANSWER 35 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:640667 CAPLUS
DN 127:318974
TI Preparation of 7-heterocyclylpyrrolo[2,3-d]pyrimidines and analogs as
protein tyrosine kinase pp60c-src inhibitors
IN Altmann, Eva
PA Novartis A.-G., Switz.; Altmann, Eva
SO PCT Int. Appl., 66 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----		-----	-----	-----
PI	WO 9734895	A1	19970925	WO 1997-EP1095	19970305
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2249739	AA	19970925	CA 1997-2249739	19970305
	AU 9721534	A1	19971010	AU 1997-21534	19970305
	AU 716383	B2	20000224		
	EP 888353	A1	19990107	EP 1997-914189	19970305
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE,				
FI	CN 1216544	A	19990512	CN 1997-193839	19970305
	BR 9709443	A	19990810	BR 1997-9443	19970305
	JP 2000506537	T2	20000530	JP 1997-533081	19970305
	US 6051577	A	20000418	US 1998-142548	19980910
	NO 9804199	A	19981105	NO 1998-4199	19980911
PRAI	CH 1996-694	19960315			
	WO 1997-EP1095	19970305			
OS	MARPAT 127:318974				

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L5 ANSWER 36 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:638426 CAPLUS
DN 127:272380
TI Use of a Pharmacophore Model for the Design of EGF-R Tyrosine Kinase Inhibitors: 4-(Phenylamino)pyrazolo[3,4-d]pyrimidines
AU Traxler, Peter; Bold, Guido; Frei, Joerg; Lang, Marc; Lydon, Nicholas; Mett, Helmut; Buchdunger, Elisabeth; Meyer, Thomas; Mueller, Marcel; Furet, Pascal
CS Novartis Pharmaceuticals Therapeutic Area Oncology Novartis Limited, Basel, CH-4002, Switz.
SO J. Med. Chem. (1997), 40(22), 3601-3616
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English

L5 ANSWER 37 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:632396 CAPLUS
DN 127:293244
TI Preparation of 4-substituted pyrrolopyrimidines as tyrosine kinase inhibitors
IN Buzzetti, Franco; Brasca, Maria Gabriella; Longo, Antonio; Ballinari, Dario
PA Pharmacia & Upjohn S.P.A., Italy
SO Eur. Pat. Appl., 15 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 795556	A1	19970917	EP 1997-200386	19970211
	R: DE, GB, IT				
	JP 09323995	A2	19971216	JP 1997-44207	19970227
PRAI	GB 1996-4361		19960229		
OS	MARPAT 127:293244				

L5 ANSWER 38 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:618099 CAPLUS
DN 127:293238
TI 7-Alkylpyrrolo[2,3-d]pyrimidines
IN Altmann, Eva; Missbach, Martin; Widler, Leo
PA Novartis A.-G., Switz.; Altmann, Eva; Missbach, Martin; Widler, Leo
SO PCT Int. Appl., 64 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9732879	A1	19970912	WO 1997-EP874	19970224
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

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RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
MR, NE, SN, TD, TG

AU 9717946 A1 19970922 AU 1997-17946 19970224
PRAI EP 1996-810137 19960306
WO 1997-EP874 19970224
OS MARPAT 127:293238

L5 ANSWER 39 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:617993 CAPLUS
DN 127:272793
TI Antiproliferative combinations, containing raf-targeted oligonucleotides
and chemotherapeutic compounds
IN Muller, Marcel; Geiger, Thomas; Altmann, Karl-Heinz; Fabbro, Dorian; Monia, Brett
PA Novartis AG, Switz.
SO PCT Int. Appl., 118 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9732604	A1	19970912	WO 1997-EP875	19970224
	W:	AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ,			
TM					
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			

AU 9720925 A1 19970922 AU 1997-20925 19970224
PRAI US 1996-612787 19960307
WO 1997-EP875 19970224

L5 ANSWER 40 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:617979 CAPLUS
DN 127:283393
TI Combinations of drugs with antisense oligonucleotides for treatment of
proliferative diseases
IN Muller, Marcel; Geiger, Thomas; Altmann, Karl-Heinz; Fabbro, Dorian; Dean, Nicholas Mark; Monia, Brett; Bennett, Clarence Frank
PA Novartis A.-G., Switz.
SO PCT Int. Appl., 108 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9732589	A1	19970912	WO 1997-EP876	19970224
	W:	AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ,			
TM					
	RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,			

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IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
MR, NE, SN, TD, TG

US 5744460 A 19980428 US 1996-612775 19960307
AU 9720926 A1 19970922 AU 1997-20926 19970224
PRAI US 1996-612775 19960307
WO 1997-EP876 19970224

L5 ANSWER 41 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:584631 CAPLUS
DN 127:248338
TI Acyclic nucleoside analogs. Part II: Acyclic analogs of guanosine,
7-deazaguanosine, and 7-deazaadenosine with a cis-hydroxypentene fragment
AU Tsytovich, A. V.; Shamshin, D. V.; Burkovskii, V. B.; Shvets, V. I.
CS Mosk. Gos. Akad. Tonk. Khim. Tekhnol. im. Lomonosova, Moscow, 117571,
Russia
SO Bioorg. Khim. (1995), 21(11), 874-880
CODEN: BIKHD7; ISSN: 0132-3423
PB MAIK Nauka
DT Journal
LA Russian

L5 ANSWER 42 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:533648 CAPLUS
DN 127:220666
TI Preparation of 4-aminopyrrolo[2,3-d]pyrimidines as tyrosine kinase
inhibitors
IN Altmann, Eva; Widler, Leo; Missbach, Martin
PA Novartis A.-G, Switz.; Altmann, Eva; Widler, Leo; Missbach, Martin
SO PCT Int. Appl., 48 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
PI WO 9728161	A1	19970807	WO 1997-EP350	19970127
W:	AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ,			
TM	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
AU 9715951	A1	19970822	AU 1997-15951	19970127
PRAI CH 1996-257		19960201		
WO 1997-EP350		19970127		
OS	MARPAT 127:220666			

L5 ANSWER 43 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:525861 CAPLUS
DN 127:190749
TI Preparation of pyrrolopyrimidines as inhibitors of protein kinases
IN Traxler, Peter; Frei, Jorg; Bold, Guido
PA Novartis A.-G, Switz.; Traxler, Peter; Frei, Jorg; Bold, Guido.
SO PCT Int. Appl., 60 pp.
CODEN: PIXXD2

V. Balasubramanian

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9727199	A1	19970731	WO 1997-EP127	19970113
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ,				
TM					
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2242354	AA	19970731	CA 1997-2242354	19970113
	AU 9714414	A1	19970820	AU 1997-14414	19970113
	EP 888349	A1	19990107	EP 1997-901014	19970113
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 2000503005	T2	20000314	JP 1997-523897	19970113
PRAI	CH 1996-175		19960123		
	WO 1997-EP127		19970113		
OS	MARPAT 127:190749				

L5 ANSWER 44 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:478038 CAPLUS
DN 127:156859

TI Interest of cluster significance analysis in structure-affinity relationships for non-xanthine heterocyclic antagonists of adenosine
AU Adenot, M.; Benezech, V.; Bompard, J.; Bonnet, P.A.; Chapat, J.P.; Grassy, G.

CS Centre de Biochimie Structurale, UMR CNRS 9955, INSERM U414, Faculte de Pharmacie, Montpellier, 34060, Fr.
SO Eur. J. Med. Chem. (1997), 32(6), 493-504
CODEN: EJMCA5; ISSN: 0223-5234
PB Elsevier
DT Journal
LA English

L5 ANSWER 45 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:449357 CAPLUS
DN 127:72942

TI Photographic image formation
IN Sakai, Minoru
PA Fuji Photo Film Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 78 pp.
CODEN: JKXXAF

DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 09120120	A2	19970506	JP 1995-299331	19951025

L5 ANSWER 46 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:420029 CAPLUS

V. Balasubramanian

DN 127:131626
TI Probing F1p: a new approach to analyze the structure of a DNA recognizing protein by combining the genetic algorithm, mutagenesis and non-canonical DNA target sites
AU Saxena, Pratibha; Whang, Ilson; Voziiyanov, Yuri; Harkey, Cecil; Argos, Patrick; Jayaram, Makkuni; Dandekar, Thomas
CS Department of Microbiology, University of Texas at Austin, Austin, TX, 78712, USA
SO Biochim. Biophys. Acta (1997), 1340(2), 187-204
CODEN: BBACAQ; ISSN: 0006-3002
PB Elsevier
DT Journal
LA English

L5 ANSWER 47 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:314318 CAPLUS
DN 127:34200
TI Synthesis of a tricyclic pyrrolopyrimidine related to N6-hydroxyadenine
AU Williams, David M.; Yakovlev, Dmitry Yu.; Brown, Daniel M.
CS Med. Research Council, Lab. Mol. Biol., Cambridge, CB2 2QH, UK
SO J. Chem. Soc., Perkin Trans. 1 (1997), (8), 1171-1178
CODEN: JCPRB4; ISSN: 0300-922X
PB Royal Society of Chemistry
DT Journal
LA English

L5 ANSWER 48 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:204107 CAPLUS
DN 126:199578
TI Preparation of 7H-pyrrolo[2,3-d]pyrimidines as tyrosine protein kinase inhibitors
IN Traxler, Peter; Bold, Guido; Brill, Wolfgang Karl-Diether; Frei, Joerg
PA Ciba-Geigy A.-G., Switz.; Traxler, Peter; Bold, Guido; Brill, Wolfgang, Karl-Diether; Frei, Joerg
SO PCT Int. Appl., 107 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	WO 9702266	A1	19970123	WO 1996-EP2728	19960624
	W: AL, AU, BB, BG, BR, CA, CN, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2224435	AA	19970123	CA 1996-2224435	19960624
	AU 9664148	A1	19970205	AU 1996-64148	19960624
	AU 707626	B2	19990715		
	EP 836605	A1	19980422	EP 1996-923893	19960624
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	BR 9609617	A	19990525	BR 1996-9617	19960624
	JP 11508570	T2	19990727	JP 1996-504763	19960624

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ZA 9605723 A 19970106 ZA 1996-5723 19960705
NO 9705956 A 19980210 NO 1997-5956 19971218
PRAI CH 1995-1976 19950706
CH 1995-2498 19950901
CH 1995-3198 19951110
CH 1996-255 19960201
CH 1996-1224 19960513
WO 1996-EP2728 19960624
OS MARPAT 126:199578

L5 ANSWER 49 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:132775 CAPLUS
DN 126:144288
TI Preparation of heterocyclic ring-fused pyrimidines for treatment of
hyperproliferative diseases
IN Arnold, Lee D.; Moyer, Mikel P.; Sobolov-jaynes, Susan B.
PA Pfizer Inc., USA; Arnold, Lee D.; Moyer, Mikel P.; Sobolov-Jaynes, Susan
B.
SO PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9640142	A1	19961219	WO 1995-US7881	19950607
	W: CA, FI, JP, MX, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2223081	AA	19961219	CA 1995-2223081	19950607
	EP 831829	A1	19980401	EP 1995-924027	19950607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE				
	CN 1141298	A	19970129	CN 1996-108101	19960605
	NO 9602386	A	19961209	NO 1996-2386	19960606
	AU 9654791	A1	19961219	AU 1996-54791	19960606
	BR 9602695	A	19981006	BR 1996-2695	19960607
	FI 9704443	A	19971205	FI 1997-4443	19971205
PRAI	WO 1995-US7881		19950607		
OS	MARPAT 126:144288				

L5 ANSWER 50 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:130042 CAPLUS
DN 126:131751
TI Preparation of C-4' modified nucleosides as adenosine kinase inhibitors
IN Boyer, Serge H.; Erion, Mark D.; Ugarkar, Bheemarao G.
PA Gensia Inc., USA
SO PCT Int. Appl., 101 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9640705	A1	19961219	WO 1996-US10404	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD,				

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SE, SG
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN
US 5674998 A 19971007 US 1995-486161 19950607
AU 9661783 A1 19961230 AU 1996-61783 19960607
EP 832091 A1 19980401 EP 1996-919442 19960607
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI
JP 11507387 T2 19990629 JP 1996-502290 19960607
BR 9609013 A 19991214 BR 1996-9013 19960607
NO 9705585 A 19980205 NO 1997-5585 19971203
PRAI US 1995-486161 19950607
US 1989-408707 19890918
US 1990-466979 19900118
US 1991-647117 19910123
US 1991-812916 19911223
US 1994-191282 19940203
WO 1996-US10404 19960607
OS MARPAT 126:131751

L5 ANSWER 51 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1997:121409 CAPLUS
DN 126:131750
TI Preparation of nucleoside analogs as orally active adenosine kinase
inhibitors

IN Ugarkar, Gheemaraao G.; Erion, Mark D.; Galeno, Jorge E. Gomez;
Castellino,

Angelo J.; Browne, Clinton E.

PA Gensia Inc., USA

SO PCT Int. Appl., 67 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9640706	A1	19961219	WO 1996-US10919	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	US 5721356	A	19980224	US 1995-473491	19950607
	AU 9663958	A1	19961230	AU 1996-63958	19960607
	EP 832092	A1	19980401	EP 1996-923451	19960607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 11507390	T2	19990629	JP 1996-502318	19960607
	BR 9608625	A	19991207	BR 1996-8625	19960607
PRAI	US 1995-473491		19950607		
	US 1989-408707		19890915		
	US 1990-466979		19900118		
	US 1991-647117		19910123		
	US 1991-812916		19911223		
	WO 1996-US10919		19960607		

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OS MARPAT 126:131750

L5 ANSWER 52 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1997:119216 CAPLUS

DN 126:131749

TI Preparation of water-soluble nucleoside analogs as adenosine kinase inhibitors

IN Ugarkar, Bheemarao G.; Erion, Mark D.; Galeno, Jorge E. Gomez

PA Gensia Inc., USA

SO PCT Int. Appl., 106 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 14

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9640707	A1	19961219	WO 1996-US10956	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	US 5726302	A	19980310	US 1995-473492	19950607
	AU 9664790	A1	19961230	AU 1996-64790	19960607
	EP 836613	A1	19980422	EP 1996-924302	19960607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	JP 11509181	T2	19990817	JP 1996-502319	19960607
	BR 9609011	A	19991214	BR 1996-9011	19960607
PRAI	US 1995-473492	19950607			
	US 1989-408707	19890918			
	US 1990-466979	19900118			
	US 1991-647117	19910123			
	US 1991-812916	19911223			
	WO 1996-US10956	19960607			
OS	MARPAT 126:131749				

L5 ANSWER 53 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1996:685153 CAPLUS

DN 125:328725

TI Preparation of heterocyclic compounds as antitumor agents

IN Aono, Tetsuya; Marui, Shogo; Itoh, Fumio; Yamaoka, Masuo; Nakao, Masafumi

PA Takeda Chemical Industries, Ltd., Japan

SO Eur. Pat. Appl., 145 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 733633	A1	19960925	EP 1996-104176	19960315
	R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	US 5753664	A	19980519	US 1996-614893	19960313
	CA 2171932	AA	19960917	CA 1996-2171932	19960315

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JP 09095485 A2 19970408 JP 1996-59508 19960315
PRAI JP 1995-56869 19950316
JP 1995-191770 19950727
OS MARPAT 125:328725

L5 ANSWER 54 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:488756 CAPLUS
DN 125:123719
TI Treatment of toxoplasmosis
IN El Kouni, Mahmoud H.; Guarcello, Vincent; Naguib, Fardos N. M.
PA University of Alabama at Birmingham Research Foundation, USA
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9618398	A1	19960620	WO 1995-US16343	19951214
	W: CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5773424	A	19980630	US 1994-358195	19941216
	CA 2183598	AA	19960620	CA 1995-2183598	19951214
	EP 755255	A1	19970129	EP 1995-944112	19951214
	R: DE, FR, GB				
PRAI	US 1994-358195		19941216		
	WO 1995-US16343		19951214		
OS	MARPAT 125:123719				

L5 ANSWER 55 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:350451 CAPLUS
DN 125:114669
TI Carbocyclic adenosine analogs useful as immunosuppressants
IN Borcherding, David R.; Edwards, Iii Carl K.; Esser, Ronald E.
PA Merrell Dow Pharmaceuticals Inc., USA
SO U.S., 13 pp. Cont.-in-part of U.S. Ser. No. 94,837, abandoned.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5514688	A	19960507	US 1994-241814	19940512
	ZA 9107152	A	19920527	ZA 1991-7152	19910909
	US 5244896	A	19930914	US 1992-824411	19920123
	US 5470857	A	19951128	US 1994-336706	19941108
	US 5631258	A	19970520	US 1995-427937	19950426
PRAI	US 1990-582280		19900914		
	US 1991-748172		19910823		
	US 1992-824411		19920123		
	US 1993-94837		19930721		
	US 1990-582265		19900914		
	US 1991-748173		19910823		
	US 1993-123577		19930917		
	US 1994-212338		19940314		
	US 1994-241814		19940512		

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OS. MARPAT 125:114669

L5 ANSWER 56 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:338201 CAPLUS
DN 124:331709
TI 4-(Phenylamino)pyrrolopyrimidines: Potent and Selective, ATP Site
Directed

AU Inhibitors of the EGF-Receptor Protein Tyrosine Kinase
Traxler, Peter M.; Furet, Pascal; Mett, Helmut; Buchdunger, Elisabeth;
Meyer, Thomas; Lydon, Nicholas
CS Cancer and Bone Metabolism Research Department, CIBA Limited, Basel,
CH-4002, Switz.
SO J. Med. Chem. (1996), 39(12), 2285-2292
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English

L5 ANSWER 57 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:307408 CAPLUS
DN 124:343782
TI 4-Amino-6,6-dimethyl-5,6-dihydro-8H-pyrano (4',3':4,5)pyrrolo(2,3-
d)pyrimidine
IN Noravyan, A. S.; Paronikyan, E. G.; Mirzoyan, G. V.; Vartanyan, S. A.
PA Institut Tonkoj Organicheskoy Khimii im.A.L.Mndzhoyana, USSR
SO U.S.S.R.

From: Izobreteniya 1995, (30), 284.
CODEN: URXXAF

DT Patent
LA Russian

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	SU 1088331	A1	19951027	SU 1982-3507841	19821103

L5 ANSWER 58 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:195579 CAPLUS
DN 124:255957
TI Specific photoaffinity labeling of a thylakoid membrane protein with an
azido-cytokinin agonist
AU Nogue, F.; Mornet, R.; Laloue, M.
CS Laboratoire Biologie Cellulaire, Institut National Recherche Agronomique,
Versailles, 78000, Fr.
SO Plant Growth Regul. (1996), 18(1-2), 51-8
CODEN: PGRED3; ISSN: 0167-6903
DT Journal
LA English

L5 ANSWER 59 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1996:73228 CAPLUS
DN 124:116947
TI Synthesis of Non-nucleoside Analogs of Toyocamycin, Sangivamycin, and
Thiosangivamycin: Influence of Various 7-Substituents on Antiviral
Activity
AU Renau, Thomas E.; Wotring, Linda L.; Drach, John C.; Townsend, Leroy B.
CS Department of Medicinal and Pharmaceutical Chemistry, College of Pharmacy,
Ann Arbor, MI, 48109-1065, USA

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SO J. Med. Chem. (1996), 39(4), 873-80
CODEN: JMCMAR; ISSN: 0022-2623

DT Journal
LA English

L5 ANSWER 60 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1995:998042 CAPLUS

DN 124:176133

TI Preparation of 4-anilino-7H-pyrrolo[2,3-d]pyrimidines with
antiproliferative activity.

IN Traxler, Peter; Furet, Pascal; Brill, Wolfgang K. D.

PA Ciba-Geigy A.-G., Switz.

SO Eur. Pat. Appl., 31 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 682027	A1	19951115	EP 1995-810271	19950425
	EP 682027	B1	19971015		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	AT 159257	E	19971115	AT 1995-810271	19950425
	ES 2109796	T3	19980116	ES 1995-810271	19950425
	AU 9517722	A1	19951109	AU 1995-17722	19950427
	AU 695244	B2	19980813		
	FI 9502033	A	19951104	FI 1995-2033	19950428
	HU 71818	A2	19960228	HU 1995-1230	19950428
	CA 2148324	AA	19951104	CA 1995-2148324	19950501
	JP 08053454	A2	19960227	JP 1995-107305	19950501
	ZA 9503495	A	19951103	ZA 1995-3495	19950502
	NO 9501684	A	19951106	NO 1995-1684	19950502
	CN 1128263	A	19960807	CN 1995-105418	19950502
	US 5686457	A	19971111	US 1995-434419	19950503
PRAI	CH 1994-1385		19940503		
	CH 1995-245		19950130		
OS	MARPAT 124:176133				

L5 ANSWER 61 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1995:981651 CAPLUS

DN 124:110636

TI Structure-activity relationships for the binding of ligands to xanthine
or

guanine phosphoribosyltransferase from Toxoplasma gondii

AU Naguib, Fardos N. M.; Iltzsch, Max H.; el Kouni, Mustapha M.; Panzica,
Raymond P.; el Kouni, Mahmoud H.

CS Dep. Pharmacology Toxicology, Univ. Alabama, Birmingham, AL, 35294, USA

SO Biochem. Pharmacol. (1995), 50(10), 1685-93

CODEN: BCPCA6; ISSN: 0006-2952

DT Journal

LA English

L5 ANSWER 62 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1995:969439 CAPLUS

DN 124:8840

V. Balasubramanian

TI Preparation of pyrimidine-fused tricyclic compounds capable of inhibiting
tyrosine kinases of the epidermal growth factor receptor family
IN Bridges, Alexander James; Denny, William Alexander; Fry, David; Kraker,
Alan; Meyer, Robert; Rewcastle, Gordon William; Thompson, Andrew Mark;
Showalter, Howard Daniel Hollis
PA Warner-Lambert Co., USA
SO PCT Int. Appl., 281 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9519970	A1	19950727	WO 1995-US911	19950123
	W: AM, AU, BG, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KR, KZ, LT, LV, MD, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, UA, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5679683	A	19971021	US 1994-358352	19941223
	ZA 9500440	A	19951010	ZA 1995-440	19950119
	AU 9518334	A1	19950808	AU 1995-18334	19950123
	AU 686339	B2	19980205		
	EP 741711	A1	19961113	EP 1995-910116	19950123
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 09508126	T2	19970819	JP 1995-519721	19950123
	FI 9602855	A	19960913	FI 1996-2855	19960715
	NO 9603093	A	19960724	NO 1996-3093	19960724
PRAI	US 1994-186735	19940125			
	US 1994-186745	19940125			
	US 1994-358352	19941223			
	WO 1995-US911	19950123			
OS	MARPAT 124:8840				

L5 ANSWER 63 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1995:969436 CAPLUS

DN 124:8839

TI Preparation of bicyclic pyrimidines capable of inhibiting tyrosine
kinases

of the epidermal growth factor receptor family

IN Bridges, Alexander James; Denny, William Alexander; Fry, David; Kraker,
Alan; Meyer, Robert; Rewcastle, Gordon William; Thompson, Andrew Mark

PA Warner-Lambert Co., USA

SO PCT Int. Appl., 218 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9519774	A1	19950727	WO 1995-US941	19950123
	W: AM, AU, BG, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KR, KZ, LT, LV, MD, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, UA, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5654307	A	19970805	US 1994-358351	19941223
	ZA 9500440	A	19951010	ZA 1995-440	19950119
	AU 9517314	A1	19950808	AU 1995-17314	19950123

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AU 686334 B2 19980205
EP 742717 A1 19961120 EP 1995-909316 19950123
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,
SE JP 09508127 T2 19970819 JP 1995-519732 19950123
FI 9602856 A 19960925 FI 1996-2856 19960715
NO 9603094 A 19960724 NO 1996-3094 19960724
PRAI US 1994-186735 19940125
US 1994-186745 19940125
US 1994-358351 19941223
WO 1995-US941 19950123
OS MARPAT 124:8839

L5 ANSWER 64 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:950912 CAPLUS
DN 124:176023
TI Synthesis of 1,2,4-triazolo[4,3-c]-, tetrazolo[1,5-c]- and
1,2,4-triazino[5,6-c]pyrano[4',3':4,5]pyrrolo[3,2-e]pyrimidine
derivatives
AU Paronikyan, E. G.; Noravyan, A. S.
CS Inst. Tonkoi Org. Khim. im. Mndzhoyana, Yerevan, 375014, Armenia
SO Khim. Geterotsikl. Soedin. (1995), (5), 700-3
CODEN: KGSSAQ; ISSN: 0132-6244
DT Journal
LA Russian

L5 ANSWER 65 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:658539 CAPLUS
DN 123:285616
TI Synthesis of certain alkenyl purines and purine analogs
AU Rao, T. Sudhakar; Revankar, Ganapathi R.
CS Triplex Pharmaceutical Corporation, The Woodlands, TX, 77380, USA
SO J. Heterocycl. Chem. (1995), 32(3), 1043-9
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English

L5 ANSWER 66 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:605449 CAPLUS
DN 123:127424
TI Method for processing a black-and-white silver halide photographic
light-sensitive material.
IN Fukawa, Junichi; Goto, Kenji; Sampei, Takeshi
PA Konica Corp., Japan
SO Eur. Pat. Appl., 63 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 631179	A1	19941228	EP 1994-303803	19940526
	EP 631179	B1	20000405		
	R: DE, FR, GB, IT				
	JP 06347953	A2	19941222	JP 1993-138704	19930610
	US 5441847	A	19950815	US 1994-249455	19940526

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PRAI JP 1993-138704 19930610
OS MARPAT 123:127424

L5 ANSWER 67 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1995:594357 CAPLUS

DN 123:2743

TI Systematic evolution of ligands by exponential enrichment using
photoselection of nucleic acid ligands and using the exponential
selection

and enrichment method SELEX in solution

IN Gold, Larry; Willis, Michael; Koch, Tad; Ringquist, Steven; Jensen, Kirk;
Atkinson, Brent

PA University Research Corp., USA

SO PCT Int. Appl., 136 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 84

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 9508003	A1	19950323	WO 1994-US10562	19940916
	W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU,				
	JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO,				
	RU, SD, SE, SK, UA, US, US, UZ, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,				
	BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2169535	AA	19950323	CA 1994-2169535	19940916
	AU 9477987	A1	19950403	AU 1994-77987	19940916
	AU 692185	B2	19980604		
	EP 736105	A1	19961009	EP 1994-928621	19940916
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE					
	JP 09502616	T2	19970318	JP 1994-509401	19940916
	US 5763177	A	19980609	US 1996-612895	19960308
	AU 9852711	A1	19980521	AU 1998-52711	19980123
PRAI	US 1993-123935	19930917			
	US 1993-143564	19931025			
	US 1990-536428	19900611			
	US 1991-714131	19910610			
	US 1992-931473	19920817			
	WO 1994-US10562	19940916			

L5 ANSWER 68 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1995:316538 CAPLUS

DN 122:201093

TI Black-and-white silver halide photographic developer composition

IN Sanpei, Takeshi

PA Konishiroku Photo Ind, Japan

SO Jpn. Kokai Tokkyo Koho, 28 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 06308680	A2	19941104	JP 1993-96118	19930422

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L5 ANSWER 69 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:245471 CAPLUS
DN 123:170044
TI Synthesis of 2'-deoxy-.beta.-D-ribonucleosides and 2,3-dideoxy-.beta.-D-pentofuranosides on immobilized bacterial cells
AU Votruba, Ivan; Holy, Antonin; Dvorakova, Hana; Gunter, Jaroslav; Hockova, Dana; Hrebabecky, Hubert; Cihlar, Tomas; Masojidkova, Milena
CS Institute Organic Chemistry Biochemistry, Academy Sciences Czech Republic,
Prague, 166 10, Czech Rep.
SO Collect. Czech. Chem. Commun. (1994), 59(10), 2303-30
CODEN: CCCCAK; ISSN: 0010-0765
DT Journal
LA English

L5 ANSWER 70 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:137254 CAPLUS
DN 122:55987
TI A convenient method for regioselective C-5 halogenation of
4(3H)-oxo-7H-pyrrolo[2,3-d]pyrimidines
AU Barnett, Charles J.; Kobierski, Michael E.
CS Lilly Res. Labs., Lilly Corp. Cent., Indianapolis, IN, 46285-4813, USA
SO J. Heterocycl. Chem. (1994), 31(5), 1181-3
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
OS CASREACT 122:55987

L5 ANSWER 71 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1995:9117 CAPLUS
DN 122:208530
TI Evidence that total substitution of adenine with 7-deazaadenine in the
HDV antigenomic ribozyme changes the kinetics of RNA folding
AU Wieczorek, Ania; Dinter-Gottlieb, Gail; Gottlieb, Philip A.
CS Dep. Biosci. Biotechnol., Drexel Univ., Philadelphia, PA, 19104, USA
SO Bioorg. Med. Chem. Lett. (1994), 4(8), 987-94
CODEN: BMCLE8; ISSN: 0960-894X
DT Journal
LA English

L5 ANSWER 72 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1994:711784 CAPLUS
DN 121:311784
TI Composition for developing a black-and-white silver halide photographic
light-sensitive material.
IN Ishikawa, Wataru; Sanpei, Takeshi; Kato, Mariko
PA Konica Corp., Japan
SO Eur. Pat. Appl., 41 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI EP 601503 A2 19940615 EP 1993-119560 19931204
 EP 601503 A3 19940706
 EP 601503 B1 20000607
 R: DE, FR, GB, IT
 JP 06175302 A2 19940624 JP 1992-329601 19921209
 JP 06186691 A2 19940708 JP 1992-342765 19921222
 JP 06258783 A2 19940916 JP 1993-45345 19930305
 US 5508153 A 19960416 US 1995-380147 19950127
 PRAI JP 1992-329601 19921209
 JP 1992-342765 19921222
 JP 1993-45345 19930305
 US 1993-159847 19931201
 OS MARPAT 121:311784

L5 ANSWER 73 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1994:658245 CAPLUS
 DN 121:258245
 TI DNA sequencing by mass spectrometry
 IN Koester, Hubert
 PA USA
 SO PCT Int. Appl., 94 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 5

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9416101	A2	19940721	WO 1994-US193	19940106
	WO 9416101	A3	19941124		
	W: AU, CA, CN, JP, RU				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2153387	AA	19940721	CA 1994-2153387	19940106
	AU 9459929	A1	19940815	AU 1994-59929	19940106
	AU 694940	B2	19980806		
	EP 679196	A1	19951102	EP 1994-906047	19940106
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 08509857	T2	19961022	JP 1994-516209	19940106
	AU 9891379	A1	19990114	AU 1998-91379	19981106
PRAI	US 1993-1323		19930107		
	AU 1994-59929		19940106		
	WO 1994-US193		19940106		

L5 ANSWER 74 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1994:436199 CAPLUS
 DN 121:36199
 TI Preparation of N-[pyrrolo[2,3-d]pyrimidin-3-ylacetyl]glutamates as neoplasm inhibitors
 IN Taylor, Edward C.; Kuhnt, Dietmar G.; Shih, Chuan; Grindey, Gerald B.
 PA Princeton University, USA
 SO U.S., 9 pp. Cont.-in-part of U.S. Ser. No. 674,541.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI    US 5248775      A    19930928      US 1992-830111    19920131
      US 5028608      A    19910702      US 1990-528155    19900524
      CN 1055182      A    19911009      CN 1990-110125    19901211
      CN 1030608      B    19960103
      US 5344932      A    19940906      US 1991-674541    19910322
PRAI  US 1989-448742  19891211
      US 1990-528155  19900524
      US 1991-674541  19910322
      US 1991-686119  19910415
      US 1990-479655  19900208
OS    MARPAT 121:36199
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L5 ANSWER 75 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1994:409933 CAPLUS

DN 121:9933

TI Stereoselective glycosylation process

IN Chou, Ta Sen; Poteet, Laurie Michelle; Kjell, Douglas Patton; Grossman,
Cora Sue; Hertel, Larry Wayne; Holmes, Richard Elmer; Jones, Charles
David; Mabry, Thomas Edward

PA Lilly, Eli, and Co., USA

SO Eur. Pat. Appl., 49 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 577303	A1	19940105	EP 1993-304817	19930621
	EP 577303	B1	19971001		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	US 5371210	A	19941206	US 1992-902312	19920622
	US 5401838	A	19950328	US 1993-44343	19930407
	US 5426183	A	19950620	US 1993-44312	19930407
	US 5594124	A	19970114	US 1993-44345	19930407
	US 5821357	A	19981013	US 1993-44996	19930407
PRAI	US 1992-902112		19920622		
	US 1992-902135		19920622		
	US 1992-902150		19920622		
	US 1992-902302		19920622		
	US 1992-902312		19920622		
	US 1992-902313		19920622		
	US 1993-44309		19930407		
	US 1993-44312		19930407		
	US 1993-44315		19930407		
	US 1993-44343		19930407		
	US 1993-44345		19930407		
	US 1993-44996		19930407		
OS	CASREACT 121:9933; MARPAT 121:9933				

L5 ANSWER 76 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1994:323513 CAPLUS

DN 120:323513

TI New 4-amino-7,8-dimethoxy-5H-pyrimido[5,4-b]indole derivatives: synthesis
and studies as inhibitors of phosphodiesterases

AU Monge, Antonio; Martinez-Crespo, Francisco J.; Aranzazu Villanueva,
Maria;

09/956,645

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Font, Maria; Santiago, Esteban; Martinez de Irujo, Juan J.; Alberdi, Elena; Lopez-Unzu, Maria Jose; Cenarruzabeitia, Edurne; et al.
CS Cent. Invest. Appl. Pharmacobiol., Univ. Navarre, Pamplona, 31080, Spain
SO Arch. Pharm. (Weinheim, Ger.) (1993), 326(11), 879-85
CODEN: ARPMAS; ISSN: 0365-6233
DT Journal
LA English

L5 ANSWER 77 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1994:31113 CAPLUS
DN 120:31113
TI Synthesis and biological effects of N-(2-phosphonomethoxyethyl) derivatives of deazapurine bases
AU Dvorakova, Hana; Holy, Antonin
CS Inst. Org. Chem. Biochem., Acad. Sci. Czech Repub., Prague, 166 10, Czech Rep.
SO Collect. Czech. Chem. Commun. (1993), 58(6), 1419-29
CODEN: CCCCAK; ISSN: 0010-0765
DT Journal
LA English

L5 ANSWER 78 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1994:8904 CAPLUS
DN 120:8904
TI A practical synthesis of the antibiotic toyocamycin
AU Sharma, Moheshwar; Bloch, Alexander; Bobek, Miroslav
CS Dep. Exp. Ther., Roswell Park Cancer Inst., Buffalo, NY, 14263, USA
SO Nucleosides Nucleotides (1993), 12(6), 643-8
CODEN: NUNUD5; ISSN: 0732-8311
DT Journal
LA English
OS CASREACT 120:8904

L5 ANSWER 79 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1994:8612 CAPLUS
DN 120:8612
TI Regioselective halogenation process for the synthesis of 4-hydroxy-5-halopyrrolo[2,3-d]pyrimidines
IN Barnett, Charles J.; Kobierski, Michael E.
PA Lilly, Eli, and Co., USA
SO U.S., 6 pp.
CODEN: USXXAM
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5235053	A	19930810	US 1992-902116	19920622
	CA 2098694	AA	19931223	CA 1993-2098694	19930617
	EP 576211	A2	19931229	EP 1993-304733	19930617
	EP 576211	A3	19940615		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	IL 106054	A1	19970713	IL 1993-106054	19930617
	IL 119053	A1	19981206	IL 1993-119053	19930617
	BR 9302432	A	19940111	BR 1993-2432	19930621
	JP 06056838	A2	19940301	JP 1993-149141	19930621

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HU 65439 A2 19940628 HU 1993-1829 19930621
PRAI US 1992-902116 19920622
IL 1993-106054 19930617
OS CASREACT 120:8612; MARPAT 120:8612

L5 ANSWER 80 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1993:650354 CAPLUS
DN 119:250354
TI Synthesis and biological effects of
9-(3-hydroxy-2-phosphonomethoxypropyl)
derivatives of deazapurine bases
AU Dvorakova, Hana; Holy, Antonin; Alexander, Petr
CS Inst. Org. Chem. Biochem., Acad. Sci. the Czech Repub., Prague, 166 10,
Czech Rep.
SO Collect. Czech. Chem. Commun. (1993), 58(6), 1403-18
CODEN: CCCCAK; ISSN: 0010-0765
DT Journal
LA English

L5 ANSWER 81 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1993:524821 CAPLUS
DN 119:124821
TI Preparation for promoting hair growth
IN Hanada, Seigo; Yamamoto, Shinji
PA Sansho Seiyaku Co., Ltd., Japan
SO Eur. Pat. Appl., 36 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 540854	A2	19930512	EP 1992-115434	19920909
	EP 540854	A3	19930728		
	EP 540854	B1	19980121		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 05320028	A2	19931203	JP 1992-214405	19920811
	JP 2636118	B2	19970730		
	AU 9222817	A1	19830311	AU 1992-22817	19920907
	AU 659861	B2	19950601		
	NO 9203503	A	19930311	NO 1992-3503	19920909
	CA 2077850	AA	19930311	CA 1992-2077850	19920909
	AT 162394	E	19980215	AT 1992-115434	19920909
	ES 2114900	T3	19980616	ES 1992-115434	19920909
	US 5656264	A	19970812	US 1995-394217	19950224
PRAI	JP 1991-230630		19910910		
	JP 1992-214405		19920811		
	JP 1991-220630		19910910		
	US 1992-942188		19920909		
	US 1993-104608		19930811		
OS	MARPAT 119:124821				

L5 ANSWER 82 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1993:517713 CAPLUS
DN 119:117713
TI Synthesis and biological effects of acyclic analogs of deazapurine

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- nucleosides
- AU Dvorakova, Hana; Holy, Antonin; Votruba, Ivan; Masojidkova, Milena
CS Inst. Org. Chem. Biochem., Acad. Sci. Czech Republic, Prague, 166 10, Czech.
SO Collect. Czech. Chem. Commun. (1993), 58(3), 629-48
CODEN: CCCCAK; ISSN: 0010-0765
DT Journal
LA English
- L5 ANSWER 83 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1992:236073 CAPLUS
DN 116:236073
TI A synthesis and an x-ray analysis of 2'-C-, 3'-C- and 5'-C-methylsangivamycins
AU Murai, Yasushi; Shiroto, Hironori; Ishizaki, Tatsuya; Iimori, Takamasa; Kodama, Yoshio; Ohtsuka, Yasuo; Oishi, Takeshi
CS Fac. Eng., Yokohama Natl. Univ., Yokohama, 240, Japan
SO Heterocycles (1992), 33(1), 391-404
CODEN: HTCYAM; ISSN: 0385-5414
DT Journal
LA English
- L5 ANSWER 84 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1992:194259 CAPLUS
DN 116:194259
TI Pyrimido[1,6-a]benzimidazoles: a new class of DNA gyrase inhibitors
AU Hubschwerlen, C.; Pflieger, P.; Specklin, J. L.; Gubernator, K.; Gmuender, H.; Angehrn, P.; Kompis, I.
CS Pharma Div., F. Hoffmann-La Roche Ltd., Basel, CH-4002, Switz.
SO J. Med. Chem. (1992), 35(8), 1385-92
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
- L5 ANSWER 85 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:673666 CAPLUS
DN 115:273666
TI Ethidium bromide does not fluoresce when intercalated adjacent to 7-deazaguanine in duplex DNA
AU Latimer, Laura J. P.; Lee, Jeremy S.
CS Dep. Biochem., Univ. Saskatchewan, Saskatoon, SK, S7N 0W0, Can.
SO J. Biol. Chem. (1991), 266(21), 13849-51
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English
- L5 ANSWER 86 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:656638 CAPLUS
DN 115:256638
TI Preparation of N-(pyrrolo[2,3-d]pyrimidin-3-ylacetyl)glutamic acid derivatives as neoplasm inhibitors
IN Taylor, Edward C.; Kuhnt, Dietmar G.; Shih, Chuan; Grindey, Gerald B.
PA Princeton University, USA
SO Eur. Pat. Appl., 28 pp.
CODEN: EPXXDW

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DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 432677	A1	19910619	EP 1990-123671	19901210
	EP 432677	B1	19960306		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	US 4996206	A	19910226	US 1990-528805	19900524
	US 5028608	A	19910702	US 1990-528155	19900524
	CN 1055182	A	19911009	CN 1990-110125	19901211
	CN 1030608	B	19960103		
PRAI	US 1989-448742	19891211			
	US 1990-479655	19900208			
	US 1990-528155	19900524			
	US 1990-528805	19900524			
OS	MARPAT 115:256638				

L5 ANSWER 87 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:632873 CAPLUS
DN 115:232873
TI Preparation of [(heterocyclylpropyl)aroyl]glutamates as antitumor agents
IN Akimoto, Hiroshi; Hitaka, Takenori
PA Takeda Chemical Industries, Ltd., Japan
SO Eur. Pat. Appl., 30 pp.
CODEN: EPXXDW

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 434426	A1	19910626	EP 1990-314017	19901220
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	CA 2032695	AA	19910621	CA 1990-2032695	19901219
	JP 04117381	A2	19920417	JP 1990-413388	19901220
	US 5496822	A	19960305	US 1994-308500	19940921
PRAI	JP 1989-332110	19891220			
	US 1990-630984	19901220			
	US 1992-990370	19921215			
	US 1994-219735	19940329			
OS	MARPAT 115:232873				

L5 ANSWER 88 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:608603 CAPLUS
DN 115:208603
TI Preparation of N-[[(pyrrolopyrimidinyl)alkyl]benzoyl]glutamates and analogs as antitumor agents
IN Akimoto, Hiroshi; Ootsu, Koichiro
PA Takeda Chemical Industries, Ltd., Japan
SO Eur. Pat. Appl., 34 pp.
CODEN: EPXXDW

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI EP 438261 A2 19910724 EP 1991-300266 19910115
 EP 438261 A3 19920226
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE
 CA 2034292 AA 19910717 CA 1991-2034292 19910116
 JP 05078362 A2 19930330 JP 1991-196173 19910116
 PRAI JP 1990-7962 19900116
 OS MARPAT 115:208603

L5 ANSWER 89 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1991:583951 CAPLUS
 DN 115:183951
 TI Preparation of N-(pyrrolo[2,3-d]pyrimidin-3-ylacetyl)glutamic acid derivatives as anticancer agents
 IN Taylor, Edward C.; Kuhnt, Dietmar G.; Shih, Chuan; Grindey, Gerald B.
 PA Princeton University, USA
 SO U.S., 8 pp. Cont.-in-part of U.S. Ser. No. 448,742, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4996206	A	19910226	US 1990-528805	19900524
	ZA 9009631	A	19911030	ZA 1990-9631	19901130
	IL 96531	A1	19950831	IL 1990-96531	19901204
	AU 9067791	A1	19910613	AU 1990-67791	19901205
	AU 640182	B2	19930819		
	CA 2031890	AA	19910612	CA 1990-2031890	19901210
	EP 432677	A1	19910619	EP 1990-123671	19901210
	EP 432677	B1	19960306		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	HU 58335	A2	19920228	HU 1990-8147	19901210
	AT 135007	E	19960315	AT 1990-123671	19901210
	ES 2084639	T3	19960516	ES 1990-123671	19901210
	JP 08003166	A2	19960109	JP 1990-409992	19901211
	JP 3016876	B2	20000306		
	RU 2057131	C1	19960327	RU 1991-4894454	19910207
PRAI	US 1989-448742		19891211		
	US 1990-479655		19900208		
	US 1990-528155		19900524		
	US 1990-528805		19900524		
OS	MARPAT 115:183951				

L5 ANSWER 90 OF 175 CAPLUS COPYRIGHT 2000 ACS
 AN 1991:492692 CAPLUS
 DN 115:92692
 TI 5-Vinyl-4-pentynoic acids through the palladium-catalyzed reaction of 4-pentynoic acid with vinyl triflates
 AU Arcadi, Antonio; Cacchi, Sandro; Delmastro, Monica; Marinella, Fabio
 CS Dip. Chim., Ing. Chim. Mater., Univ. L'Aquila, L'Aquila, I-67100, Italy
 SO Synlett (1991), (6), 409-11
 CODEN: SYNLES; ISSN: 0936-5214
 DT Journal
 LA English
 OS CASREACT 115:92692

V. Balasubramanian

L5 ANSWER 91 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:487836 CAPLUS
DN 115:87836
TI Nuclear resistance in oligonucleotides with modified bases of
phosphodiester bonds
IN Brakel, Christine L.; Wetmur, James G.; Quartin, Robin S.
PA Enzo Biochem, Inc., USA
SO Eur. Pat. Appl., 12 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	EP 431523	A2	19910612	EP 1990-123109	19901203
	EP 431523	A3	19910925		
	R: DE, FR, GB, IT				
	CA 2029273	AA	19910605	CA 1990-2029273	19901105
	JP 03190895	A2	19910820	JP 1990-315714	19901122
PRAI	US 1989-446235		19891204		

L5 ANSWER 92 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:467221 CAPLUS
DN 115:67221
TI Purification and characterization of 5'-deoxy-5'-methylthioadenosine
(MTA)
phosphorylase from human liver
AU Toorchen, David; Miller, Richard L.
CS Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA
SO Biochem. Pharmacol. (1991), 41(12), 2023-30
CODEN: BCPCA6; ISSN: 0006-2952
DT Journal
LA English

L5 ANSWER 93 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:443548 CAPLUS
DN 115:43548
TI Site-specific mutagenesis of double-stranded plasmid DNA
IN Eckstein, Fritz; Olsen, David
PA Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V., Fed. Rep.
Ger.
SO Ger., 9 pp.
CODEN: GWXXAW
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	DE 3936258	C1	19910425	DE 1989-3936258	19891031
	WO 9106645	A1	19910516	WO 1990-EP1939	19901030
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
PRAI	DE 1989-3936258		19891031		

L5 ANSWER 94 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:408713 CAPLUS

V. Balasubramanian

DN 115:8713
TI Synthesis and biological activity of derivatives of
pyrano[4',3':4,5]pyrrolo[2,3-d]pyrimidines
AU Paronikyan, E. G.; Noravyan, A. S.; Arsenyan, F. G.; Akopyan, V. A.
CS Inst. Tonkoi Org. Khim. im. Mndzhoyana, Yerevan, USSR
SO Arm. Khim. Zh. (1990), 43(9), 576-81
CODEN: AYKZAN; ISSN: 0515-9628
DT Journal
LA Russian

L5 ANSWER 95 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:400771 CAPLUS
DN 115:771
TI Preparation of acyclic pyrrolo(2,3-d)pyrimidine nucleoside analogs as
antiviral agents
IN Townsend, Leroy B.; Drach, John G.; Shipman, Charles, Jr.; Pudlo, Jeffrey
S.
PA University of Michigan, USA
SO U.S., 19 pp. Cont.-in-part of U.S. Ser. No. 179,081.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----		-----	-----	-----
PI	US 4968686	A	19901106	US 1989-369262	19890621
	US 4927830	A	19900522	US 1988-179081	19880408
	US 36187	E	19990406	US 1994-287290	19940805
PRAI	US 1988-179081		19880408		
	US 1989-369262		19890621		
OS	MARPAT 115:771				

L5 ANSWER 96 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1991:122950 CAPLUS
DN 114:122950
TI Synthesis of pyrrolo[2,3-d]pyrimidine ribosides and their potential in
chemotherapeutics
AU Eger, Kurt; Grieb, Gerlinde; Spaetling, Sabine
CS Pharm. Inst., Univ. Tuebingen, Tuebingen, D-7400, Fed. Rep. Ger.
SO J. Heterocycl. Chem. (1990), 27(7), 2069-75
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English

L5 ANSWER 97 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1990:611696 CAPLUS
DN 113:211696
TI 7-Deaza-2-phenyladenines: structure-activity relationships of potent A1
selective adenosine receptor antagonists
AU Mueller, Christa E.; Hide, Izumi; Daly, John W.; Rothenhaeusler, Klaus;
Eger, Kurt
CS Lab. Bioorg. Chem., Natl. Inst. Diabetes, Dig. Kidney Dis., Bethesda, MD,
20892, USA
SO J. Med. Chem. (1990), 33(10), 2822-8
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal

V. Balasubramanian

LA English

L5 ANSWER 98 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1990:571785 CAPLUS

DN 113:171785

TI Preparation of 7-[(2-hydroxyethoxy)methyl]pyrrolo[2,3-d]pyrimidines and analogs as antiviral agents

IN Townsend, Leroy B.; Drach, John C.

PA University of Michigan, USA

SO U.S., 14 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4927830	A	19900522	US 1988-179081	19880408
	US 4968686	A	19901106	US 1989-369262	19890621
	US 36187	E	19990406	US 1994-287290	19940805
PRAI	US 1988-179081		19880408		
	US 1989-369262		19890621		
OS	MARPAT 113:171785				

L5 ANSWER 99 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1990:406731 CAPLUS

DN 113:6731

TI Facile synthesis of pyrrolo[2,3-d]pyrimidine and pyrrolo[3,2-c]pyridine 2',3'-dideoxyribonucleosides via nucleobase anion glycosylation with 2,3-dideoxy-D-glyceropentofuranosyl chloride

AU Seela, F.; Bourgeois, W.; Muth, H. P.; Rosemeyer, H.

CS Lab. Org. Bioorg. Chem., Univ. Osnabrueck, Osnabrueck, D-4500, Fed. Rep. Ger.

SO Heterocycles (1989), 29(11), 2193-7

CODEN: HTCYAM; ISSN: 0385-5414

DT Journal

LA English

OS CASREACT 113:6731

L5 ANSWER 100 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1990:191415 CAPLUS

DN 112:191415

TI MTA phosphorylase in protozoa: a potential target for chemotherapeutic attack

AU Miller, Richard L.; Toorchen, David P.

CS Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA

SO Adv. Exp. Med. Biol. (1988), 250(Prog. Polyamine Res.), 211-18

CODEN: AEMBAP; ISSN: 0065-2598

DT Journal

LA English

L5 ANSWER 101 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1990:155489 CAPLUS

DN 112:155489

TI The isolation and structure of modified bioactive nucleosides from *Jaspis johnstoni*

AU Zabriskie, T. Mark; Ireland, Chris M.

V. Balasubramanian

CS Dep. Med. Chem., Univ. Utah, Salt Lake City, UT, 84112, USA
SO J. Nat. Prod. (1989), 52(6), 1353-6
CODEN: JNPRDF; ISSN: 0163-3864
DT Journal
LA English

L5 ANSWER 102 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1990:119321 CAPLUS
DN 112:119321
TI 2'-Deoxy-.beta.-D-ribofuranosides of N6-methylated 7-deazaadenine and
8-aza-7-deazaadenine: solid-phase synthesis of oligodeoxyribonucleotides
and properties of self-complementary duplexes
AU Seela, Frank; Kaiser, Klaus; Bindig, Uwe
CS Lab. Org. Bioorg. Chem., Univ. Osnabrueck, Osnabrueck, D-4500, Fed. Rep.
Ger.
SO Helv. Chim. Acta (1989), 72(5), 868-81
CODEN: HCACAV; ISSN: 0018-019X
DT Journal
LA English
OS CASREACT 112:119321

L5 ANSWER 103 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:457664 CAPLUS
DN 111:57664
TI Synthesis of 6,7-dimethoxypyrimido[4,5-b]indoles as potential
antihypertensive agents
AU Venugopalan, B.; Desai, P. D.; De Souza, N. J.
CS Res. Cent., Hoechst India Ltd., Bombay, 400 080, India
SO J. Heterocycl. Chem. (1988), 25(6), 1633-9
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
OS CASREACT 111:57664

L5 ANSWER 104 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:439290 CAPLUS
DN 111:39290
TI Synthesis and biological activity of pyrrolo[2,3-d]pyrimidines
AU Dave, Chaitanya G.; Shah, P. R.; Upadhyaya, S. P.; Gandhi, T. P.; Patel,
R. B.
CS Dep. Chem., St. Xavier's Coll., Ahmedabad, 380 009, India
SO Indian J. Chem., Sect. B (1988), 27B(8), 778-80
CODEN: IJSBDB; ISSN: 0376-4699
DT Journal
LA English
OS CASREACT 111:39290

L5 ANSWER 105 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:423875 CAPLUS
DN 111:23875
TI Synthesis, cytotoxicity, and antiviral activity of certain
7-[(2-hydroxyethoxy)methyl]pyrrolo[2,3-d]pyrimidine nucleosides related
to
toyocamycin and sangivamycin
AU Gupta, Pranab K.; Nassiri, M. Reza; Coleman, Lisa A.; Wotring, Linda L.;
Drach, John C.; Townsend, Leroy B.

V. Balasubramanian

CS Coll. Pharm., Univ. Michigan, Ann Arbor, MI, 48109-1065, USA
SO J. Med. Chem. (1989), 32(7), 1420-5
CODEN: JMCMAR; ISSN: 0022-2623

DT Journal
LA English
OS CASREACT 111:23875

L5 ANSWER 106 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:419945 CAPLUS
DN 111:19945

TI Pyrrolo[2,3-d]pyrimidines as inhibitors of cAMP-phosphodiesterase.
Structure-activity relationship

AU Klumpp, Susanne; Frey, Martina; Kleefeld, Gertrud; Sauer, Armin; Eger, Kurt

CS Pharm. Inst., Univ. Pharm. Chem., Tuebingen, D-7400, Fed. Rep. Ger.

SO Biochem. Pharmacol. (1989), 38(6), 949-53
CODEN: BCPA6; ISSN: 0006-2952

DT Journal
LA English

L5 ANSWER 107 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:193293 CAPLUS
DN 110:193293

TI Stereoselective synthesis of pyrrolo[2,3-d]pyrimidine .alpha.- and
.beta.-D-ribonucleosides from anomERICALLY pure D-ribofuranosyl
chlorides.

Solid-liquid phase-transfer glycosylation and nitrogen-15 NMR spectra

AU Rosemeyer, Helmut; Seela, Frank

CS Fachbereich Biol./Chem., Univ. Osnabrueck, Osnabrueck, D-4500, Fed. Rep.
Ger.

SO Helv. Chim. Acta (1988), 71(6), 1573-85
CODEN: HCACAV; ISSN: 0018-019X

DT Journal
LA English
OS CASREACT 110:193293

L5 ANSWER 108 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:71466 CAPLUS
DN 110:71466

TI Mismatch-containing oligonucleotide duplexes bound by the E. coli
mutS-encoded protein

AU Jiricny, Josef; Su, Shin San; Wood, Steven G.; Modrich, Paul

CS Friedrich Miescher Inst., Basel, CH-4002, Switz.

SO Nucleic Acids Res. (1988), 16(16), 7843-53
CODEN: NARHAD; ISSN: 0305-1048

DT Journal
LA English

L5 ANSWER 109 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1989:57996 CAPLUS
DN 110:57996

TI Synthesis, cytotoxicity, and antiviral activity of some acyclic analogs
of

the pyrrolo[2,3-d]pyrimidine nucleoside antibiotics tubercidin,
toyocamycin, and sangivamycin

AU Gupta, Pranab K.; Daunert, Sylvia; Nassiri, M. Reza; Wotring, Linda L.;

V. Balasubramanian

Drach, John C.; Townsend, Leroy B.
CS Coll. Pharm., Univ. Michigan, Ann Arbor, MI, 48109-1065, USA
SO J. Med. Chem. (1989), 32(2), 402-8
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 110:57996

L5 ANSWER 110 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1988:621932 CAPLUS
DN 109:221932
TI 7-Deaza-9-phenyladenines. A new class of adenosine receptor antagonists
AU Daly, John W.; Padgett, William L.; Eger, Kurt
CS Lab. Bioorg. Chem., Natl. Inst. Diabetes, Dig. Kidney Dis., Bethesda, MD, 20892, USA
SO Biochem. Pharmacol. (1988), 37(19), 3749-53
CODEN: BCPA6; ISSN: 0006-2952
DT Journal
LA English

L5 ANSWER 111 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1987:419783 CAPLUS
DN 107:19783
TI Trypanosoma cruzi adenine nucleoside phosphorylase. Purification and substrate specificity
AU Miller, Richard L.; Sabourin, Carol L. K.; Krenitsky, Thomas A.
CS Wellcome Res. Lab., Burroughs Wellcome Co., Research Triangle Park, NC, 27709, USA
SO Biochem. Pharmacol. (1987), 36(4), 553-60
CODEN: BCPA6; ISSN: 0006-2952
DT Journal
LA English

L5 ANSWER 112 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1987:84629 CAPLUS
DN 106:84629
TI Pharmacologically active pyrimido[4,5-b]indoles and their salts
PA Hoechst India Ltd., India
SO Indian, 32 pp.
CODEN: INXXAP
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	IN 157280	A	19860222	IN 1983-BO226	19830715

L5 ANSWER 113 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1987:5075 CAPLUS
DN 106:5075
TI Cardioactive heterocyclic aryloxypropanolamines
IN Wiedemann, Fritz; Kampe, Wolfgang; Dietmann, Deceased Karl; Sponer, Gisbert
PA Boehringer Mannheim G.m.b.H., Fed. Rep. Ger.
SO U.S., 18 pp. Cont.-in-part of U.S. 4,438,128.
CODEN: USXXAM

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DT Patent
LA English
FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 4608383	A	19860826	US 1983-538693	19831003
	DE 3023369	A1	19820114	DE 1980-3023369	19800623
	US 4438128	A	19840320	US 1981-273543	19810615
PRAI	DE 1980-3023369		19800623		
	US 1981-273543		19810615		

L5 ANSWER 114 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:572397 CAPLUS
DN 105:172397
TI Synthesis of 7-unsubstituted 7H-pyrrolo[2,3-d]pyrimidines
AU Pichler, Herbert; Folkers, Gerd; Roth, Hermann J.; Eger, Kurt
CS Pharm. Inst., Univ. Bonn, Bonn, D-5300, Fed. Rep. Ger.
SO Liebig's Ann. Chem. (1986), (9), 1485-505
CODEN: LACHDL; ISSN: 0170-2041
DT Journal
LA German
OS CASREACT 105:172397

L5 ANSWER 115 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:443251 CAPLUS
DN 105:43251
TI Furanoside-pyranoside isomerization of tubercidin and its 2'-deoxy derivatives: influence of nucleobase and sugar structure on the proton-catalyzed reaction
AU Seela, Frank; Menkhoff, Sabine; Behrendt, Silvia
CS Lab. Org. Bioorg. Chem., Univ. Osnabrueck, Osnabrueck, D-4500, Fed. Rep. Ger.
SO J. Chem. Soc., Perkin Trans. 2 (1986), (4), 525-30
CODEN: JCPKBH; ISSN: 0300-9580
DT Journal
LA English
OS CASREACT 105:43251

L5 ANSWER 116 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:164169 CAPLUS
DN 104:164169
TI Inhibition of vaccinia RNA guanine 7-methyltransferase by compounds designed as multisubstrate adducts
AU Benghiat, Eric; Crooks, Peter A.; Goodwin, Raymond; Rottman, Fritz
CS Coll. Pharm., Univ. Kentucky, Lexington, KY, 40536, USA
SO J. Pharm. Sci. (1986), 75(2), 142-5
CODEN: JPMSAE; ISSN: 0022-3549
DT Journal
LA English

L5 ANSWER 117 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:109570 CAPLUS
DN 104:109570
TI Phosphorus pentoxide in organic synthesis. XX. Synthesis of N-aryl-7H-pyrrolo[2,3-d]pyrimidin-4-amines
AU Joergensen, Anker; El-Bayouki, Khairy A. M.; Pedersen, Erik B.

V. Balasubramanian

CS Dep. Chem., Odense Univ., Odense, DK-5230, Den.
SO J. Heterocycl. Chem. (1985), 22(3), 859-63
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
OS CASREACT 104:109570

L5 ANSWER 118 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1986:47662 CAPLUS
DN 104:47662
TI Purine analog inhibitors of xanthine oxidase - structure activity
relationships and proposed binding of the molybdenum cofactor
AU Robins, Roland K.; Revankar, Ganapathi R.; O'Brien, Darrell E.; Springer,
Robert H.; Novinson, Thomas; Albert, Anthony; Senga, Keitaro; Miller, Jon
P.; Streeter, David G.
CS Cancer Res. Cent., Brigham Young Univ., Provo, UT, 84602, USA
SO J. Heterocycl. Chem. (1985), 22(3), 601-34
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English

L5 ANSWER 119 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:523237 CAPLUS
DN 103:123237
TI Synthesis of 7-deazatriacanthine and restricted rotation of amino groups
in pyrrolo[2,3-d]pyrimidines
AU Seela, Frank; Busmann, Werner
CS Dep. Chem., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Nucleosides Nucleotides (1984), 3(2), 195-206
CODEN: NUNUD5; ISSN: 0732-8311
DT Journal
LA English

L5 ANSWER 120 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:515763 CAPLUS
DN 103:115763
TI Action of tubercidin and other adenosine analogs on Schistosoma mansoni
schistosomules
AU Dovey, Harry F.; McKerrow, James H.; Wang, Ching C.
CS Dep. Pharm. Chem., Univ. California, San Francisco, CA, 94143, USA
SO Mol. Biochem. Parasitol. (1985), 16(2), 185-98
CODEN: MBIPDP; ISSN: 0166-6851
DT Journal
LA English

L5 ANSWER 121 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:464160 CAPLUS
DN 103:64160
TI Pharmacological studies on adenosine analogs isolated from marine
organisms
AU Davies, Les. P.
CS Res. Sch. Biol. Sci., Australian Natl. Univ., Canberra, 2601, Australia
SO Trends Pharmacol. Sci. (1985), 6(4), 143-6
CODEN: TPHSDY; ISSN: 0165-6147
DT Journal; General Review
LA English

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L5 ANSWER 122 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:132411 CAPLUS
DN 102:132411
TI Synthesis and biological activity of a novel adenosine analog
3-.beta.-D-ribofuranosylthieno[2,3-d]pyrimidin-4-one
AU Patil, Vemanna D.; Wise, Dean S.; Wotring, Linda L.; Bloomer, Linda C.;
Townsend, Leroy B.
CS Coll. Pharm., Univ. Michigan, Ann Arbor, MI, 48109-1065, USA
SO J. Med. Chem. (1985), 28(4), 423-7
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
OS CASREACT 102:132411

L5 ANSWER 123 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1985:127759 CAPLUS
DN 102:127759
TI Synthesis of deoxyoligonucleotides containing 7-deazaadenine:
recognition
and cleavage by restriction endonuclease Bgl II and Sau 3AI. Nucleosides
and nucleotides. Part 55
AU Ono, Akira; Sato, Masayuki; Ohtani, Yutaka; Ueda, Tohru
CS Fac. Pharm. Sci., Hokkaido Univ., Sapporo, 060, Japan
SO Nucleic Acids Res. (1984), 12(23), 8939-49
CODEN: NARHAD; ISSN: 0305-1048
DT Journal
LA English

L5 ANSWER 124 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1984:188438 CAPLUS
DN 100:188438
TI Modified labeled nucleotides and polynucleotides and methods of utilizing
and detecting them
IN Engelhardt, Dean; Rabbani, Elazar; Kline, Stanley; Stavrianopoulos,
Jannis
G.; Kirtikar, Dollie
PA Enzo Biochem, Inc., USA
SO Eur. Pat. Appl., 140 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 97373	A2	19840104	EP 1983-106112	19830622
	EP 97373	A3	19840606		
	EP 97373	B1	19921007		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	CA 1223831	A1	19870707	CA 1983-430882	19830621
	ES 523503	A1	19860916	ES 1983-523503	19830622
	IL 69051	A1	19880229	IL 1983-69051	19830622
	EP 285057	A2	19881005	EP 1988-104961	19830622
	EP 285057	A3	19901031		
	EP 285057	B1	19950301		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				

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EP 285058	A2	19881005	EP 1988-104962	19830622
EP 285058	A3	19900926		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
EP 285950	A2	19881012	EP 1988-104964	19830622
EP 285950	A3	19901107		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
EP 286898	A2	19881019	EP 1988-104963	19830622
EP 286898	A3	19900808		
EP 286898	B1	19980429		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
EP 302175	A2	19890208	EP 1988-104965	19830622
EP 302175	A3	19901031		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 81342	E	19921015	AT 1983-106112	19830622
EP 618228	A1	19941005	EP 1994-105993	19830622
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
AT 165605	E	19980515	AT 1988-104963	19830622
DK 8302911	A	19831224	DK 1983-2911	19830623
NO 8302292	A	19831227	NO 1983-2292	19830623
AU 8316179	A1	19840105	AU 1983-16179	19830623
AU 585199	B2	19890615		
JP 59062600	A2	19840410	JP 1983-113599	19830623
JP 10158294	A2	19980616	JP 1997-295889	19830623
JP 11292892	A2	19991026	JP 1999-8415	19830623
DK 8401306	A	19840229	DK 1984-1306	19840229
DK 8401307	A	19840229	DK 1984-1307	19840229
ES 539316	A1	19861001	ES 1985-539316	19850102
ES 547320	A1	19860316	ES 1985-547320	19850926
ES 547319	A1	19880416	ES 1985-547319	19850926
AU 8941493	A1	19900104	AU 1989-41493	19890915
US 5241060	A	19930831	US 1990-532704	19900604
US 5260433	A	19931109	US 1990-567039	19900813
JP 06234787	A2	19940823	JP 1993-177184	19930610
JP 2760466	B2	19980528		
PRAI US 1982-391440		19820623		
EP 1983-106112		19830622		
EP 1988-104961		19830622		
DK 1983-2911		19830623		
JP 1993-177184		19830623		
JP 1997-295889		19830623		
US 1984-674352		19841121		
US 1988-140980		19880105		
L5	ANSWER 125 OF 175 CAPLUS COPYRIGHT 2000 ACS			
AN	1984:185345 CAPLUS			
DN	100:185345			
TI	Halogenated pyrrolopyrimidine analogs of adenosine from marine organisms: pharmacological activities and potent inhibition of adenosine kinase			
AU	Davies, Les P.; Jamieson, Dana D.; Baird-Lambert, Judith A.; Kazlauskas, Rymantas			
CS	Roche Res. Inst. Marine Pharmacol., Dee Why, Australia			
SO	Biochem. Pharmacol. (1984), 33(3), 347-55			
	CODEN: BCPA6; ISSN: 0006-2952			
DT	Journal			
LA	English			

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- L5 ANSWER 126 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1984:170571 CAPLUS
DN 100:170571
TI Substrate and inhibitor specificity of tRNA-guanine ribosyltransferase
AU Farkas, Walter R.; Jacobson, K. Bruce; Katze, Jon R.
CS Cent. Health Sci., Univ. Tennessee, Knoxville, TN, 37920, USA
SO Biochim. Biophys. Acta (1984), 781(1-2), 64-75
CODEN: BBACAQ; ISSN: 0006-3002
DT Journal
LA English
- L5 ANSWER 127 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1984:7039 CAPLUS
DN 100:7039
TI ara-7-Deazanebularine - synthesis of a fluorescent pyrrolo[2,3-d]pyrimidine nucleoside by phase-transfer glycosylation
AU Seela, Frank; Steker, Herbert
CS Fachbereich. Naturwiss. II, Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Liebigs Ann. Chem. (1983), (9), 1576-87
CODEN: LACHDL; ISSN: 0170-2041
DT Journal
LA German
- L5 ANSWER 128 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:558765 CAPLUS
DN 99:158765
TI Synthesis of S-5-pyrrolo[2,3-b]pyridinemethyl and S-5- and S-6-pyrrolo[2,3-d]pyrimidinemethyl derivatives of 5'-deoxy-5'-thioadenosine
AU Benghiat, Eric; Crooks, Peter A.
CS Coll. Pharm., Univ. Kentucky, Lexington, KY, 40536-0053, USA
SO J. Heterocycl. Chem. (1983), 20(3), 677-9
CODEN: JHTCAD; ISSN: 0022-152X
DT Journal
LA English
- L5 ANSWER 129 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:554371 CAPLUS
DN 99:154371
TI Methylated 7-deazahypoxanthines as regiochemical probes of xanthine oxidase
AU Rosemeyer, Helmut; Seela, Frank
CS Dep. Chem., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Eur. J. Biochem. (1983), 134(3), 513-15
CODEN: EJBCAI; ISSN: 0014-2956
DT Journal
LA English
- L5 ANSWER 130 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:140811 CAPLUS
DN 98:140811
TI Halogenated pyrrolo[2,3-d]pyrimidine nucleosides from marine organisms
AU Kazlauskas, Rymantas; Murphy, Peter T.; Wells, Robert J.; Baird-Lambert, Judith A.; Jamieson, Dana D.
CS Chem. Sect., Roche Res. Inst. Mar. Pharmacol., Dee Why, 2099, Australia

V. Balasubramanian

SO Aust. J. Chem. (1983), 36(1), 165-70
CODEN: AJCHAS; ISSN: 0004-9425

DT Journal
LA English

L5 ANSWER 131 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:122799 CAPLUS
DN 98:122799
TI Conformational analysis of cytokinins and analogs
AU Kaneti, Jose; Karanov, E.
CS Inst. Org. Chem., Sofia, 1113, Bulg.
SO Chem.-Biol. Interact. (1983), 43(1), 73-85
CODEN: CBINA8; ISSN: 0009-2797

DT Journal
LA English

L5 ANSWER 132 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1983:86893 CAPLUS
DN 98:86893
TI Transport and metabolism of 5'-methylthioadenosine in human erythrocytes
AU Carteni-Farina, Maria; Ragione, Fulvio Della; Cacciapuoti, Giovanna;
Porcelli, Marina; Zappia, Vincenzo
CS First Med. Sch., Univ. Naples, Naples, 80138, Italy
SO Biochim. Biophys. Acta (1983), 727(2), 221-9
CODEN: BBACAQ; ISSN: 0006-3002

DT Journal
LA English

L5 ANSWER 133 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:492306 CAPLUS
DN 97:92306
TI Pyrrolopyrimidines and their use in production of biologically effective
substances
IN Jacobi, Haireddin; Roth, Hermann Josef; Eger, Kurt; Pichler, Herbert
PA Troponwerke G.m.b.H. und Co. K.-G., Fed. Rep. Ger.
SO Ger. Offen., 20 pp.
CODEN: GWXXBX

DT Patent
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	DE 3036390	A1	19820513	DE 1980-3036390	19800926

L5 ANSWER 134 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:406052 CAPLUS
DN 97:6052
TI Regioselective synthesis of the N-monomethyl derivatives of
7-deazahypoxanthine
AU Seela, Frank; Bussmann, Werner; Goetze, Andreas
CS Fachber. Naturwiss. II, Univ. Paderborn, Paderborn, D-4790, Fed. Rep.
Ger.
SO Liebigs Ann. Chem. (1982), (4), 805-12
CODEN: LACHDL; ISSN: 0170-2041

DT Journal
LA German

V. Balasubramanian

L5 ANSWER 135 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:79358 CAPLUS
DN 96:79358
TI Phosphorylation and hydrolysis of 7-deazaadenine nucleotides by rat liver and beef heart mitochondria
AU Petrescu, I.; Lascu, I.; Goia, I.; Markert, M.; Schmidt, F. H.; Deaciuc, I. V.; Kezdi, M.; Barzu, O.
CS Dep. Biochem., Univ. Cluj-Napoca, Cluj-Napoca, 3400, Rom.
SO Biochemistry (1982), 21(5), 886-93
CODEN: BICHAW; ISSN: 0006-2960
DT Journal
LA English

L5 ANSWER 136 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:69352 CAPLUS
DN 96:69352
TI Synthesis of ara tubercidin and its .alpha.-anomer by phase transfer glycosylation of pyrrolo[2,3-d]pyrimidines
AU Seela, Frank; Winkeler, Heinz Dieter
CS Dep. Chem., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Nucleic Acids Symp. Ser. (1981), 9, 107-10
CODEN: NACSD8
DT Journal
LA English

L5 ANSWER 137 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1982:15977 CAPLUS
DN 96:15977
TI Relative activities of cytokinins and antagonists in releasing lateral buds of Pisum from apical dominance compared with their relative activities in the regulation of growth of tobacco callus
AU Skoog, F.; Abdul Ghani, A. K. B.
CS Inst. Plant Dev., Univ. Wisconsin, Madison, WI, 53706, USA
SO Metab. Mol. Act. Cytokinins, Proc. Int. Colloq. (1981), Meeting Date 1980, 140-50. Editor(s): Guern, Jean; Peaud-Lenoel, Claude. Publisher: Springer, Berlin, Fed. Rep. Ger.
CODEN: 46QMA8
DT Conference
LA English

L5 ANSWER 138 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:563729 CAPLUS
DN 95:163729
TI Effects of substituted pyrrolo[2,3-d]pyrimidine derivatives on plant growth
AU Iwamura, Hajime; Ito, Tetsuo; Masuda, Noboru; Mizuno, Akira; Koshimizu, Koichi; Kumazawa, Zenzaburo; Nagato, Shoin; Okuda, Shiroh
CS Fac. Agric., Kyoto Univ., Kyoto, 606, Japan
SO Nippon Noyaku Gakkaishi (1981), 6(1), 9-15
CODEN: NNGADV; ISSN: 0385-1559
DT Journal
LA English

L5 ANSWER 139 OF 175 CAPLUS COPYRIGHT 2000 ACS

V. Balasubramanian

AN 1981:497713 CAPLUS
DN 95:97713
TI The Isomeric 4-amino-N-methylpyrrolo[2,3-d]pyrimidines
AU Seela, Frank; Busmann, Werner
CS Fachber. Naturwissenschaften II (Org. Chem., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Chem. Ber. (1981), 114(6), 2056-63
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German

L5 ANSWER 140 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:490812 CAPLUS
DN 95:90812
TI Biological activity of the nucleoside analogs: a theoretical study
AU Sanyal, Nitish K.; Roychoudhury, Mihir; Ojha, Rajendra P.
CS Dep. Phys., Univ. Gorakhpur, Gorakhpur, India
SO Int. J. Quantum Chem. (1981), 20(1), 159-66
CODEN: IJQCB2; ISSN: 0020-7608
DT Journal
LA English

L5 ANSWER 141 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:157184 CAPLUS
DN 94:157184
TI Selective 7-glycosidation of 4-amino-7H-pyrrolo[2,3-d]pyrimidine to ara-tubercidin and its .alpha.-anomer
AU Seela, Frank; Winkeler, Heinz Dieter
CS Gesamthochsch., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Angew. Chem. (1981), 93(1), 105-6
CODEN: ANCEAD; ISSN: 0044-8249
DT Journal
LA German

L5 ANSWER 142 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1981:139732 CAPLUS
DN 94:139732
TI Triazolo[4,5-d]pyrimidines. VII. The photochemical transformation of 3-phenyl-3H-1,2,3-triazolo[4,5-d]pyrimidines into 9H-pyrimido[4,5-b]indoles
AU Higashino, Takeo; Hayashi, Eisaku; Matsuda, Hideaki; Katori, Tatsuhiko
CS Shizuoka Coll. Pharm., Shizuoka, 422, Japan
SO Heterocycles (1981), 15(1), 483-7
CODEN: HTCYAM; ISSN: 0385-5414
DT Journal
LA English

L5 ANSWER 143 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1980:532738 CAPLUS
DN 93:132738
TI 4-Amino-7-(.beta.-D-arabinofuranosyl)pyrrolo[2,3-d]pyrimidine - the synthesis of ara tubercidin by phase transfer catalysis
AU Winkeler, Heinz Dieter; Seela, Frank
CS Gesamthochsch., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Chem. Ber. (1980), 113(6), 2069-80
CODEN: CHBEAM; ISSN: 0009-2940

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DT Journal
LA German

L5 ANSWER 144 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1980:123922 CAPLUS
DN 92:123922
TI Purine phosphoribosyltransferases from Leishmania donovani
AU Tuttle, Joel V.; Krenitsky, Thomas A.
CS Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA
SO J. Biol. Chem. (1980), 255(3), 909-16
CODEN: JBCHA3; ISSN: 0021-9258
DT Journal
LA English

L5 ANSWER 145 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1980:111257 CAPLUS
DN 92:111257
TI Ribosidation of 7H-pyrrolo[2,3-d]pyrimidin-4(3H)-one at N-3
AU Luepke, Uwe; Seela, Frank
CS Gesamthochsch., Univ. Paderborn, Paderborn, D-4790, Fed. Rep. Ger.
SO Chem. Ber. (1979), 112(10), 3526-9
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German

L5 ANSWER 146 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1978:563540 CAPLUS
DN 89:163540
TI Aminomethylation of 3,7-dihydropyrrolo[2,3-d]pyrimidines at C-5 - a
method
for the synthesis of aglycon analogs of nucleoside "Q"
AU Seela, Frank; Richter, Raimund
CS Gesamthochsch., Univ. Paderborn, Paderborn, Ger.
SO Chem. Ber. (1978), 111(8), 2925-30
CODEN: CHBEAM; ISSN: 0009-2940
DT Journal
LA German

L5 ANSWER 147 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1977:182968 CAPLUS
DN 86:182968
TI Inhibitors of hypoxanthine metabolism in Ehrlich ascites tumor cells in
vitro
AU Smith, Camilla M.; Zombor, George; Henderson, J. Frank
CS Cancer Res. Unit, Univ. Alberta, Edmonton, Alberta, Can.
SO Cancer Treat. Rep. (1976), 60(10), 1567-84
CODEN: CTRRDO
DT Journal
LA English

L5 ANSWER 148 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1977:72692 CAPLUS
DN 86:72692
TI 4-Substituted amino-2-substituted thiopyrrolo[2,3-d]pyrimidine
derivatives
IN Skoog, Folke; Schmitz, Ruth Y.; Hecht, Sidney M.; Frye, Robert B.

V. Balasubramanian

PA Wisconsin Alumni Research Foundation, USA

SO U.S., 8 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	US 3988338	A	19761026	US 1974-463739	19740424

L5 ANSWER 149 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1977:43488 CAPLUS

DN 86:43488

TI Reaction of .alpha.-cyano-.gamma.-halocrotononitriles with amines

AU Gewald, K.; Hentschel, M.

CS Sekt. Chem., Tech. Univ. Dresden, Dresden, E. Ger.

SO J. Prakt. Chem. (1976), 318(4), 663-70

CODEN: JPCEAO

DT Journal

LA German

L5 ANSWER 150 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1977:994 CAPLUS

DN 86:994

TI Effect of 4-substituted pyrrolo[2,3-d]pyrimidines on the tobacco callus growth

AU Iwamura, Hajime; Kurimoto, Masahiro; Matsubara, Satoshi; Ogawa, Yukiyoshi;

Koshimizu, Koichi; Kumazawa, Zenzaburo

CS Dep. Food Sci. Technol., Kyoto Univ., Kyoto, Japan

SO Agric. Biol. Chem. (1976), 40(9), 1885-6

CODEN: ABCHA6

DT Journal

LA English

L5 ANSWER 151 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1976:13408 CAPLUS

DN 84:13408

TI Anticytokinin activity of substituted pyrrolo[2,3-d]pyrimidines

AU Skoog, Folke; Schmitz, Ruth Y.; Hecht, Sidney M.; Frye, R. Bruce

CS Inst. Plant Dev., Univ. Wisconsin, Madison, Wis., USA

SO Proc. Natl. Acad. Sci. U. S. A. (1975), 72(9), 3508-12

CODEN: PNASA6

DT Journal

LA English

L5 ANSWER 152 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1975:589243 CAPLUS

DN 83:189243

TI Activation of cytokinins

AU Hecht, Sidney M.; Frye, R. Bruce; Werner, Dieter; Hawrelak, S. D.

CS Dep. Chem., Massachusetts Inst. Technol., Cambridge, Mass., USA

SO J. Biol. Chem. (1975), 250(18), 7343-51

CODEN: JBCHA3

DT Journal

LA English

V. Balasubramanian

L5 ANSWER 153 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1975:530758 CAPLUS
DN 83:130758
TI Carbon-13 magnetic resonance. XXV. Basic set of parameters for the investigation of tautomerism in purines established from carbon-13 magnetic resonance studies using certain purines and pyrrolo[2,3-d]pyrimidines
AU Chenon, Marie T.; Pugmire, Ronald J.; Grant, David M.; Panzica, Raymond P.; Townsend, Leroy B.
CS Lab. Chim. Phys., CNRS, Thiais, Fr.
SO J. Am. Chem. Soc. (1975), 97(16), 4627-36
CODEN: JACSAT
DT Journal
LA English

L5 ANSWER 154 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1975:455161 CAPLUS
DN 83:55161
TI Trans-N-deoxyribosylase. Substrate specificity studies. Purine bases as acceptors
AU Holguin, Jose; Cardinaud, Robert; Salemink, C. A.
CS Serv. Biophys., CEN Saclay, Gif-sur-Yvette, Fr.
SO Eur. J. Biochem. (1975), 54(2), 515-20
CODEN: EJBCAI
DT Journal
LA English

L5 ANSWER 155 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1974:413457 CAPLUS
DN 81:13457
TI Condensation of 2-(acetylamino)cyclohexanone with malonic acid dinitrile
AU Shvedov, V. I.; Mezentseva, M. V.; Altukhova, L. B.; Grinev, A. N.
CS Vses. Nauchno-Issled. Khim.-Farm. Inst. im. Ordzhonikidze, Moscow, USSR
SO Khim. Geterotsikl. Soedin. (1974), (3), 380-2
CODEN: KGSSAQ
DT Journal
LA Russian

L5 ANSWER 156 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1974:45121 CAPLUS
DN 80:45121
TI Activity of tubercidin, toyocomycin, and sangivamycin 3',5'-cyclic phosphates and related compounds with some enzymes of adenosine 3',5'-cyclic phosphate metabolism
AU Miller, Jon P.; Boswell, Kay H.; Muneyama, Kei; Tolman, Richard L.; Scholten, Mieka B.; Robins, Roland K.; Simon, Lionel N.; Shuman, Dennis A.
CS Nucleic Acid Res. Inst., ICN Pharm., Inc., Irvine, Calif., USA
SO Biochem. Biophys. Res. Commun. (1973), 55(3), 843-9
CODEN: BBRCA9
DT Journal
LA English

L5 ANSWER 157 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1973:466770 CAPLUS

V. Balasubramanian

DN 79:66770
TI Substances with antineoplastic activity. LIII. N. (.delta.-(4-pyrrolo[2,3-d]pyrimidinylthio)valeryl) amino acids and analogous derivatives of di- and triglycine
AU Kotva, R.; Cerny, A.; Semonsky, M.
CS Vyzk. Ustav Farm. Biochem., Prague, Czech.
SO Collect. Czech. Chem. Commun. (1973), 38(5), 1438-44
CODEN: CCCCAK
DT Journal
LA English

L5 ANSWER 158 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1973:107162 CAPLUS
DN 78:107162
TI Possible way of searching for potential mutagens and cytostatics based on calculation of the intramolecular interaction energy of DNA containing analogs of nitrogenous bases
AU Sukhorukov, B. I.; Poltev, V. I.; Polozov, R. V.; Il'icheva, I. A.
CS Inst. Biol. Fiz., Pushchino-on-Oka, USSR
SO Dokl. Akad. Nauk SSSR (1973), 208(2), 443-6 [Biophys]
CODEN: DANKAS
DT Journal
LA Russian

L5 ANSWER 159 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1972:461942 CAPLUS
DN 77:61942
TI Condensation of hydrazine on 4-chloro-5-acetonylpyrimidines. Formation of 7-aminopyrrolo[2,3-d]pyrimidines and 1,4-dihydropyrimidino[4,5-c]pyridazines
AU Bisagni, Emile; Marquet, Jean Pierre; Andre-Louisfert, Jeannine
CS Fond. Curie, Inst. Radium, Paris, Fr.
SO Bull. Soc. Chim. Fr. (1972), (4), 1483-90
CODEN: BSCFAS
DT Journal
LA French

L5 ANSWER 160 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1972:126924 CAPLUS
DN 76:126924
TI New series of purine analogs with antimitotic action. Structure activity relations
AU Marquet, Jean P.; Montagnier, Luc; Gruest, Jacqueline; Bourzat, Jean D.; Andre-Louisfert, Jeannine; Bisagni, Emile
CS Inst. Radium-Biol., Fac. Sci., Orsay, Fr.
SO Chim. Ther. (1971), 6(6), 427-38
CODEN: CHTPBA
DT Journal
LA French

L5 ANSWER 161 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1971:436109 CAPLUS
DN 75:36109
TI Antiviral diazacarbazoles
IN Webb, Godfrey B.; Gregory, Gordon I.; Cocker, John D.

V. Balasubramanian

PA Glaxo Laboratories Ltd.
SO S. African, 38 pp.
CODEN: SFXAB .

DT Patent,
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	ZA 6902227		19700928		
PRAI	GB		19680329		

L5 ANSWER 162 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1971:415469 CAPLUS

DN 75:15469

TI Existence of nonfunctional active sites in milk xanthine oxidase;
reaction

with functional active site inhibitors

AU Massey, Vincent; Komai, Hirochika; Palmer, Graham; Elion, Gertrude B.

CS Dep. Biol. Chem., Univ. Michigan, Ann Arbor, Mich., USA

SO Vitam. Horm. (New York) (1970), 28, 505-31

CODEN: VIHOAQ

DT Journal

LA English

L5 ANSWER 163 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1970:484121 CAPLUS

DN 73:84121

TI Specificities of transport systems and enzymes

AU Berlin, Richard D.

CS Harvard Med. Sch., Boston, Mass., USA

SO Science (1970), 168(3939), 1539-45

CODEN: SCIEAS

DT Journal

LA English

L5 ANSWER 164 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1970:117937 CAPLUS

DN 72:117937

TI Binding of adenine to adenine phosphoribosyltransferase

AU Gadd, R. E. A.; Henderson, Joseph Frank

CS Cancer Res. Unit, Univ. Alberta, Edmonton, Alberta, Can.

SO Can. J. Biochem. (1970), 48(3), 295-301

CODEN: CJBIAE

DT Journal

LA English

L5 ANSWER 165 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1970:107323 CAPLUS

DN 72:107323

TI Actions of purine analogs: enzymes specificity studies as a basis for
interpretation and design

AU Elion, Gertrude B.

CS Wellcome Res. Lab., Burroughs Wellcome and Co., Inc., Tuckahoe, N. Y.,
USA

SO Cancer Res. (1969), 29(12), 2448-53

CODEN: CNREA8

V. Balasubramanian

DT Journal
LA English

L5 ANSWER 166 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1970:100748 CAPLUS
DN 72:100748
TI Antiviral 1,3- and 1,8-diazacarbazoles
IN Webb, Godfrey B.; Gregory, Gordon I.; Cocker, John D.
PA Glaxo Laboratories Ltd.
SO Ger. Offen., 39 pp.
CODEN: GWXXBX

DT Patent
LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	DE 1916011	A	19700305	DE 1969-1916011	19690328
	GB 1262864	A	19720209	GB 1968-15328	19680329
	NL 6904815	A	19691001	NL 1969-4815	19690328
	FR 2005118	A5	19691205	FR 1969-9437	19690328
	CH 549039	A	19740515	CH 1969-4755	19690328
PRAI	GB 1968-15328		19680329		

L5 ANSWER 167 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1970:55489 CAPLUS
DN 72:55489
TI Azacarbazoles
IN Clark, Victor Malcolm C.; Gregory, Gordon I.; Cocker, John D.
PA Glaxo Laboratories Ltd.
SO Ger., Offen., 33 pp.
CODEN: GWXXBX

DT Patent
LA German

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	DE 1916050	A	19691016	DE 1969-1916050	19690328
	GB 1264621	A	19720223	GB 1968-15327	19680329
	NL 6904811	A	19691001	NL 1969-4811	19690328
	FR 2005117	A5	19691205	FR 1969-9436	19690328
	US 3560361	A	19710202	US 1969-811646	19690328
	CH 551991	A	19740731	CH 1969-4754	19690328
PRAI	GB 1968-15327		19680329		

L5 ANSWER 168 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1969:477619 CAPLUS
DN 71:77619
TI Adenine phosphoribosyltransferase from monkey liver. Specificity and properties
AU Krenitsky, Thomas A.; Neil, Shannon M.; Elion, Gertrude B.; Hitchings, George H.
CS Wellcome Res. Lab., Burroughs Wellcome and Co., Inc., Tuckahoe, N. Y., USA
SO J. Biol. Chem. (1969), 244(17), 4779-84
CODEN: JBCHA3
DT Journal

V. Balasubramanian

LA English

L5 ANSWER 169 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1969:413308 CAPLUS

DN 71:13308

TI Pyrrolopyrimidine nucleosides. III. Total synthesis of toyocamycin, sangivamycin, tubercidin, and related derivatives

AU Tolman, Richard L.; Robins, Roland K.; Townsend, Leroy B.

CS Univ. of Utah, Salt Lake City, Utah, USA

SO J. Amer. Chem. Soc. (1969), 91(8), 2102-8

CODEN: JACSAT

DT Journal

LA English

L5 ANSWER 170 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1969:115114 CAPLUS

DN 70:115114

TI Study of electrophilic substitution in the pyrrolo[2,3-d]pyrimidine ring

AU Gerster, John F.; Hinshaw, Barbara C.; Robins, Roland K.; Townsend, Leroy B.

CS Univ. of Utah, Salt Lake City, Utah, USA

SO J. Heterocycl. Chem. (1969), 6(2), 207-13

CODEN: JHTCAD

DT Journal

LA English

L5 ANSWER 171 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1968:105143 CAPLUS

DN 68:105143

TI Synthesis of indolo[2,3-d]pyrimidines

AU Glushkov, R. G.; Volskova, V. A.; Magidson, O. Yu.

CS Vses. Nauch.-Issled. Khim.-Fatsevt. inst. im. Ordzhonikidze, Moscow, USSR

SO Khim.-Farm. Zh. (1967), 1(9), 25-32

CODEN: KHFZAN

DT Journal

LA Russian

L5 ANSWER 172 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1968:78540 CAPLUS

DN 68:78540

TI Pyrrolo[2,3-d]pyrimidine nucleoside antibiotics. Total synthesis and structure of toyocamycin, unamycin B, vengicide, antibiotic E-212, and sangivamycin (BA-90912)

AU Tolman, Richard L.; Robins, Roland K.; Townsend, Leroy B.

CS Univ. of Utah, Salt Lake City, Utah, USA

SO J. Am. Chem. Soc. (1968), 90(2), 524-6

CODEN: JACSAT

DT Journal

LA English

L5 ANSWER 173 OF 175 CAPLUS COPYRIGHT 2000 ACS

AN 1968:73300 CAPLUS

DN 68:73300

TI Structure and properties of the condensation product of 2-amino-3-ethoxycarbonyl-1-azaazulene and formamide

AU Nozoe, Tetsuo; Seto, Shuichi; Toda, Takashi

V. Balasubramanian

CS Tohoku Univ., Tohoku, Japan
SO Bull. Chem. Soc. Jpn. (1968), 41(1), 208-11
CODEN: BCSJA8
DT Journal
LA English

L5 ANSWER 174 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1967:454383 CAPLUS
DN 67:54383
TI Pyrrolopyrimidine nucleosides. II. Total synthesis of
7-B-D-ribofuranosylpyrrolo[2,3-d]pyrimidines related to toyocamycin
AU Tolman, Richard L.; Robins, Roland K.; Townsend, Leroy B.
CS Univ. of Utah, Salt Lake City, Utah, USA
SO J. Heterocycl. Chem. (1967), 4(2), 230-8
CODEN: JHTCAD
DT Journal
LA English

L5 ANSWER 175 OF 175 CAPLUS COPYRIGHT 2000 ACS
AN 1967:408896 CAPLUS
DN 67:8896
TI The biosynthesis of the 7-deazaadenine ribonucleoside, tubercidin, by
Streptomyces tubercidicus
AU Smulson, Mark E.; Suhadolnik, Robert J.
CS Albert Einstein Med. Center, Philadelphia, Pa., USA
SO J. Cell Biol. (1967), 242(12), 2872-6
CODEN: JCLBA3
DT Journal
LA English

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	151.94	278.99

STN INTERNATIONAL LOGOFF AT 10:09:45 ON 19 JUN 2000